
Order of Operations with Decimals (D)

$$3.1 + 2.1 + 8.3 + 2.1$$

$$1.8 \times (6.66 + 3.748) \div 1.3$$

$$(6.9 + 7.2 - 1.3) \div 1.6$$

$$(1 + 4.9 + 7.9) \div 7.1$$

$$9 \times 4.3 \times 1.6 \div 8.1$$

$$(4.5 + 5.5) \times 4.3 - 9.6$$

$$8.8 + (3.51 - 1.5)^2$$

$$(7.9(3.9 + 3.7)) \div 9.7$$

$$4.9 \div 3.1 + 7.7 \times 4.8$$

$$(7.1 + 7.6) \div 8.6 + 9.2$$

Order of Operations with Decimals (D) Answers

$$3.1 + 2.1 + 8.3 + 2.1 = 15.6$$

$$1.8 \times (6.66 + 3.748) \div 1.3 = 14.4111$$

$$(6.9 + 7.2 - 1.3) \div 1.6 = 8$$

$$(1 + 4.9 + 7.9) \div 7.1 = 1.94366$$

$$9 \times 4.3 \times 1.6 \div 8.1 = 7.64444$$

$$(4.5 + 5.5) \times 4.3 - 9.6 = 33.4$$

$$8.8 + (3.51 - 1.5)^2 = 12.8401$$

$$(7.9(3.9 + 3.7)) \div 9.7 = 6.18969$$

$$4.9 \div 3.1 + 7.7 \times 4.8 = 38.5406$$

$$(7.1 + 7.6) \div 8.6 + 9.2 = 10.9093$$

Order of Operations with Decimals (E)

$$3 + 6.4 - 2.5 \times 1.4$$

$$(7.3 \times 5.6) \div (1.1 + 7.7)$$

$$(1.2 + 7.8)^2 - 7.47$$

$$10 \div 4.8 - 4.1 \div 7.844$$

$$3.2(5.9 + 9.5 - 5.2)$$

$$1.8 \div (4.7 - 2.62)^2$$

$$9.7 + 2.5 \times 3 + 1.6$$

$$2.7(8.4 + 8.6) - 4.64$$

$$3.216 \times 10 - 6.3 - 3.8$$

$$8.6 - 4.2 - 8.18 \div 9.4$$

Order of Operations with Decimals (E) Answers

$$3 + 6.4 - 2.5 \times 1.4 = 5.9$$

$$(7.3 \times 5.6) \div (1.1 + 7.7) = 4.64545$$

$$(1.2 + 7.8)^2 - 7.47 = 73.53$$

$$10 \div 4.8 - 4.1 \div 7.844 = 1.56064$$

$$3.2(5.9 + 9.5 - 5.2) = 32.64$$

$$1.8 \div (4.7 - 2.62)^2 = 0.41605$$

$$9.7 + 2.5 \times 3 + 1.6 = 18.8$$

$$2.7(8.4 + 8.6) - 4.64 = 41.26$$

$$3.216 \times 10 - 6.3 - 3.8 = 22.06$$

$$8.6 - 4.2 - 8.18 \div 9.4 = 3.52979$$

Order of Operations with Fractions (A)

$$\left(\frac{3}{2} \times 3\frac{1}{2}\right) \div \left(\frac{6}{5} - 1\right)$$

$$\left(3\frac{7}{10} - \frac{11}{7}\right) \times \frac{8}{5} - 1\frac{1}{7}$$

$$\left(\frac{2}{3} + \frac{7}{5} + \frac{11}{6}\right) \times 2\frac{1}{4}$$

$$\frac{3}{2} + 1^3 + 1\frac{1}{10}$$

$$1\frac{2}{3} \times \left(1 + \frac{1}{4}\right) \div \frac{1}{4}$$

$$6\left(\frac{4}{3}\left(1 + \frac{1}{7}\right)\right) \div \frac{13}{10}$$

$$\left(1 - \frac{3}{4}\right) \times \frac{3}{7} \times 2$$

$$\frac{1}{2} \div \left(\frac{10}{7} \times 2\frac{5}{6}\right) \times 1\frac{3}{8}$$

$$\left(\frac{4}{3} - \frac{1}{2}\right) \div \frac{5}{3} \times 1\frac{3}{4}$$

$$\left(4\frac{9}{10} - 1\right)^3 \div 2\frac{1}{6}$$

Order of Operations with Fractions (A) Answers

$$\left(\frac{3}{2} \times 3\frac{1}{2}\right) \div \left(\frac{6}{5} - 1\right) = 26\frac{1}{4}$$

$$\left(3\frac{7}{10} - \frac{11}{7}\right) \times \frac{8}{5} - 1\frac{1}{7} = 2\frac{46}{175}$$

$$\left(\frac{2}{3} + \frac{7}{5} + \frac{11}{6}\right) \times 2\frac{1}{4} = 8\frac{31}{40}$$

$$\frac{3}{2} + 1^3 + 1\frac{1}{10} = 3\frac{3}{5}$$

$$1\frac{2}{3} \times \left(1 + \frac{1}{4}\right) \div \frac{1}{4} = 8\frac{1}{3}$$

$$6\left(\frac{4}{3}\left(1 + \frac{1}{7}\right)\right) \div \frac{13}{10} = 7\frac{3}{91}$$

$$\left(1 - \frac{3}{4}\right) \times \frac{3}{7} \times 2 = \frac{3}{14}$$

$$\frac{1}{2} \div \left(\frac{10}{7} \times 2\frac{5}{6}\right) \times 1\frac{3}{8} = \frac{231}{1360}$$

$$\left(\frac{4}{3} - \frac{1}{2}\right) \div \frac{5}{3} \times 1\frac{3}{4} = \frac{7}{8}$$

$$\left(4\frac{9}{10} - 1\right)^3 \div 2\frac{1}{6} = 27\frac{189}{500}$$

Order of Operations with Fractions (B)

$$3\frac{1}{3} - 2\frac{3}{8} - \frac{4}{3} \div 2\frac{5}{7}$$

$$3\frac{7}{8} + \frac{6}{5} + 1 \div \frac{4}{3}$$

$$\frac{3}{5} + \frac{15}{8} + \frac{3}{5} \times \frac{1}{3}$$

$$\left(5\frac{3}{10} \times \frac{4}{5} - \frac{3}{7}\right) \div \frac{3}{5}$$

$$2\frac{1}{8} + 2\frac{3}{7} \times \frac{5}{4} + 2\frac{5}{6}$$

$$9 + \frac{3}{5} - \left(3\frac{1}{8} + 5\frac{1}{2}\right)$$

$$\frac{1}{4} \div 5\frac{3}{8} + 2\frac{1}{2} - \frac{6}{5}$$

$$3\frac{7}{9} \div \left(3\frac{3}{4} \times \frac{2}{9} \times 5\frac{1}{3}\right)$$

$$1\frac{7}{8} \left(\left(\frac{7}{5} \right)^2 + 2 \right)$$

$$2\frac{4}{7} - \left(\frac{2}{5} + 2 \right) \div 5\frac{3}{4}$$

Order of Operations with Fractions (B) Answers

$$3\frac{1}{3} - 2\frac{3}{8} - \frac{4}{3} \div 2\frac{5}{7} = \frac{71}{152}$$

$$3\frac{7}{8} + \frac{6}{5} + 1 \div \frac{4}{3} = 5\frac{33}{40}$$

$$\frac{3}{5} + \frac{15}{8} + \frac{3}{5} \times \frac{1}{3} = 2\frac{27}{40}$$

$$\left(5\frac{3}{10} \times \frac{4}{5} - \frac{3}{7}\right) \div \frac{3}{5} = 6\frac{37}{105}$$

$$2\frac{1}{8} + 2\frac{3}{7} \times \frac{5}{4} + 2\frac{5}{6} = 7\frac{167}{168}$$

$$9 + \frac{3}{5} - \left(3\frac{1}{8} + 5\frac{1}{2}\right) = \frac{39}{40}$$

$$\frac{1}{4} \div 5\frac{3}{8} + 2\frac{1}{2} - \frac{6}{5} = 1\frac{149}{430}$$

$$3\frac{7}{9} \div \left(3\frac{3}{4} \times \frac{2}{9} \times 5\frac{1}{3}\right) = \frac{17}{20}$$

$$1\frac{7}{8} \left(\left(\frac{7}{5} \right)^2 + 2 \right) = 7\frac{17}{40}$$

$$2\frac{4}{7} - \left(\frac{2}{5} + 2 \right) \div 5\frac{3}{4} = 2\frac{124}{805}$$

Order of Operations with Fractions (C)

$$3\frac{1}{3} \div \left(\frac{3}{4} + \left(\frac{11}{10} \right)^2 \right)$$

$$\left(\frac{4}{9} \times \frac{1}{3} + \frac{7}{5} \right) \div 1$$

$$2\frac{1}{5} \times 5\frac{4}{7} + 5\frac{1}{6} \times 2\frac{1}{6}$$

$$1\frac{3}{4} + 2\frac{4}{9} \div \left(4\frac{5}{6} \times \frac{1}{2} \right)$$

$$\left(4\frac{4}{9} - 2\frac{5}{7} \right) \times \left(\frac{2}{3} \right)^3$$

$$\left(4\frac{6}{7} - \left(4\frac{2}{7} - 4 \right) \right) \div 7\frac{4}{9}$$

$$\left(2 - \frac{1}{2} \right) (2 - 1)$$

$$\left(\frac{7}{4} \times \frac{1}{7} \right) \div \left(2\frac{1}{4} - 2\frac{1}{8} \right)$$

$$2\frac{8}{9} + 5\frac{2}{3} + \frac{4}{3} - 5\frac{2}{7}$$

$$\frac{2}{3} \div \left(3\frac{9}{10} \times \frac{7}{4} - 4\frac{1}{2} \right)$$

Order of Operations with Fractions (C) Answers

$$3\frac{1}{3} \div \left(\frac{3}{4} + \left(\frac{11}{10} \right)^2 \right) = 1\frac{103}{147}$$

$$\left(\frac{4}{9} \times \frac{1}{3} + \frac{7}{5} \right) \div 1 = 1\frac{74}{135}$$

$$2\frac{1}{5} \times 5\frac{4}{7} + 5\frac{1}{6} \times 2\frac{1}{6} = 23\frac{569}{1260}$$

$$1\frac{3}{4} + 2\frac{4}{9} \div \left(4\frac{5}{6} \times \frac{1}{2} \right) = 2\frac{265}{348}$$

$$\left(4\frac{4}{9} - 2\frac{5}{7} \right) \times \left(\frac{2}{3} \right)^3 = \frac{872}{1701}$$

$$\left(4\frac{6}{7} - \left(4\frac{2}{7} - 4 \right) \right) \div 7\frac{4}{9} = \frac{288}{469}$$

$$\left(2 - \frac{1}{2} \right) (2 - 1) = 1\frac{1}{2}$$

$$\left(\frac{7}{4} \times \frac{1}{7} \right) \div \left(2\frac{1}{4} - 2\frac{1}{8} \right) = 2$$

$$2\frac{8}{9} + 5\frac{2}{3} + \frac{4}{3} - 5\frac{2}{7} = 4\frac{38}{63}$$

$$\frac{2}{3} \div \left(3\frac{9}{10} \times \frac{7}{4} - 4\frac{1}{2} \right) = \frac{80}{279}$$

Order of Operations with Fractions (D)

$$2\frac{5}{8} - \frac{4}{7} - 2 \div 5\frac{4}{9}$$

$$1\frac{1}{2} + \frac{5}{3} + 2\frac{4}{7} \div 2\frac{1}{6}$$

$$2 \div 3\frac{4}{5} + \left(2\frac{2}{3}\right)^2$$

$$\left(3\frac{3}{5} + 3\frac{1}{6}\right)\left(4\frac{3}{8} - \frac{13}{7}\right)$$

$$2 \times \left(\frac{3}{2}\right)^2 - \frac{11}{7}$$

$$5\frac{1}{4} + 7 \div \left(3\frac{4}{5} - \frac{5}{4}\right)$$

$$2\frac{4}{9} - 2 \div \left(2\frac{1}{4} + 1\right)$$

$$\frac{10}{7} \left(5\frac{4}{5} - 5\frac{2}{5}\right) + 3\frac{2}{3}$$

$$3\frac{1}{3} - \frac{3}{2} \div \left(2 + 3\frac{1}{2}\right)$$

$$\left(\frac{5}{4} \times 3\frac{1}{2}\right) \div \left(2\frac{7}{10} \times 2\frac{2}{3}\right)$$

Order of Operations with Fractions (D) Answers

$$2\frac{5}{8} - \frac{4}{7} - 2 \div 5\frac{4}{9} = 1\frac{269}{392}$$

$$1\frac{1}{2} + \frac{5}{3} + 2\frac{4}{7} \div 2\frac{1}{6} = 4\frac{193}{546}$$

$$2 \div 3\frac{4}{5} + \left(2\frac{2}{3}\right)^2 = 7\frac{109}{171}$$

$$\left(3\frac{3}{5} + 3\frac{1}{6}\right)\left(4\frac{3}{8} - \frac{13}{7}\right) = 17\frac{3}{80}$$

$$2 \times \left(\frac{3}{2}\right)^2 - \frac{11}{7} = 2\frac{13}{14}$$

$$5\frac{1}{4} + 7 \div \left(3\frac{4}{5} - \frac{5}{4}\right) = 7\frac{203}{204}$$

$$2\frac{4}{9} - 2 \div \left(2\frac{1}{4} + 1\right) = 1\frac{97}{117}$$

$$\frac{10}{7} \left(5\frac{4}{5} - 5\frac{2}{5}\right) + 3\frac{2}{3} = 4\frac{5}{21}$$

$$3\frac{1}{3} - \frac{3}{2} \div \left(2 + 3\frac{1}{2}\right) = 3\frac{2}{33}$$

$$\left(\frac{5}{4} \times 3\frac{1}{2}\right) \div \left(2\frac{7}{10} \times 2\frac{2}{3}\right) = \frac{175}{288}$$

Order of Operations with Fractions (E)

$$4\frac{1}{4} + \left(3\frac{3}{10} \div \frac{1}{2}\right)^2$$

$$\frac{7}{5} \div \left(\frac{1}{2} \left(5\frac{2}{9} - 3\frac{1}{10}\right)\right)$$

$$2\frac{1}{3} \times 1\frac{3}{4} \left(4\frac{7}{8} - \frac{3}{4}\right)$$

$$4\frac{5}{6} - \frac{5}{3} - 1\frac{8}{9} \div 1\frac{7}{10}$$

$$\left(\left(\frac{1}{2} + 5\frac{1}{7}\right) \times \frac{3}{2}\right) \div 3\frac{2}{9}$$

$$\frac{5}{4} \times \frac{5}{3} (1 + 10)$$

$$\left(\left(\frac{2}{3}\right)^3\right)^2 \div \frac{1}{2}$$

$$\left(6\frac{4}{7} - \frac{7}{9} + 2\frac{1}{8}\right) \times 2\frac{1}{7}$$

$$\left(5\frac{7}{10} + 5\frac{2}{9} + \frac{3}{7}\right) \div \frac{11}{6}$$

$$4\frac{7}{8} + 1\frac{3}{5} - \left(1\frac{2}{7} - \frac{4}{5}\right)$$

Order of Operations with Fractions (E) Answers

$$4\frac{1}{4} + \left(3\frac{3}{10} \div \frac{1}{2}\right)^2 = 47\frac{81}{100}$$

$$\frac{7}{5} \div \left(\frac{1}{2}\left(5\frac{2}{9} - 3\frac{1}{10}\right)\right) = 1\frac{61}{191}$$

$$2\frac{1}{3} \times 1\frac{3}{4}\left(4\frac{7}{8} - \frac{3}{4}\right) = 16\frac{27}{32}$$

$$4\frac{5}{6} - \frac{5}{3} - 1\frac{8}{9} \div 1\frac{7}{10} = 2\frac{1}{18}$$

$$\left(\left(\frac{1}{2} + 5\frac{1}{7}\right) \times \frac{3}{2}\right) \div 3\frac{2}{9} = 2\frac{509}{812}$$

$$\frac{5}{4} \times \frac{5}{3}(1 + 10) = 22\frac{11}{12}$$

$$\left(\left(\frac{2}{3}\right)^3\right)^2 \div \frac{1}{2} = \frac{128}{729}$$

$$\left(6\frac{4}{7} - \frac{7}{9} + 2\frac{1}{8}\right) \times 2\frac{1}{7} = 16\frac{1139}{1176}$$

$$\left(5\frac{7}{10} + 5\frac{2}{9} + \frac{3}{7}\right) \div \frac{11}{6} = 6\frac{221}{1155}$$

$$4\frac{7}{8} + 1\frac{3}{5} - \left(1\frac{2}{7} - \frac{4}{5}\right) = 5\frac{277}{280}$$

Order of Operations with Fractions (A)

$$\left(\frac{3}{2} \times 3\frac{1}{2}\right) \div \left(\frac{6}{5} - 1\right)$$

$$\left(3\frac{7}{10} - \frac{11}{7}\right) \times \frac{8}{5} - 1\frac{1}{7}$$

$$\left(\frac{2}{3} + \frac{7}{5} + \frac{11}{6}\right) \times 2\frac{1}{4}$$

$$\frac{3}{2} + 1^3 + 1\frac{1}{10}$$

$$1\frac{2}{3} \times \left(1 + \frac{1}{4}\right) \div \frac{1}{4}$$

$$6\left(\frac{4}{3}\left(1 + \frac{1}{7}\right)\right) \div \frac{13}{10}$$

$$\left(1 - \frac{3}{4}\right) \times \frac{3}{7} \times 2$$

$$\frac{1}{2} \div \left(\frac{10}{7} \times 2\frac{5}{6}\right) \times 1\frac{3}{8}$$

$$\left(\frac{4}{3} - \frac{1}{2}\right) \div \frac{5}{3} \times 1\frac{3}{4}$$

$$\left(4\frac{9}{10} - 1\right)^3 \div 2\frac{1}{6}$$

Order of Operations with Fractions (A) Answers

$$\left(\frac{3}{2} \times 3\frac{1}{2}\right) \div \left(\frac{6}{5} - 1\right) = 26\frac{1}{4}$$

$$\left(3\frac{7}{10} - \frac{11}{7}\right) \times \frac{8}{5} - 1\frac{1}{7} = 2\frac{46}{175}$$

$$\left(\frac{2}{3} + \frac{7}{5} + \frac{11}{6}\right) \times 2\frac{1}{4} = 8\frac{31}{40}$$

$$\frac{3}{2} + 1^3 + 1\frac{1}{10} = 3\frac{3}{5}$$

$$1\frac{2}{3} \times \left(1 + \frac{1}{4}\right) \div \frac{1}{4} = 8\frac{1}{3}$$

$$6\left(\frac{4}{3}\left(1 + \frac{1}{7}\right)\right) \div \frac{13}{10} = 7\frac{3}{91}$$

$$\left(1 - \frac{3}{4}\right) \times \frac{3}{7} \times 2 = \frac{3}{14}$$

$$\frac{1}{2} \div \left(\frac{10}{7} \times 2\frac{5}{6}\right) \times 1\frac{3}{8} = \frac{231}{1360}$$

$$\left(\frac{4}{3} - \frac{1}{2}\right) \div \frac{5}{3} \times 1\frac{3}{4} = \frac{7}{8}$$

$$\left(4\frac{9}{10} - 1\right)^3 \div 2\frac{1}{6} = 27\frac{189}{500}$$

Order of Operations with Fractions (B)

$$3\frac{1}{3} - 2\frac{3}{8} - \frac{4}{3} \div 2\frac{5}{7}$$

$$3\frac{7}{8} + \frac{6}{5} + 1 \div \frac{4}{3}$$

$$\frac{3}{5} + \frac{15}{8} + \frac{3}{5} \times \frac{1}{3}$$

$$\left(5\frac{3}{10} \times \frac{4}{5} - \frac{3}{7}\right) \div \frac{3}{5}$$

$$2\frac{1}{8} + 2\frac{3}{7} \times \frac{5}{4} + 2\frac{5}{6}$$

$$9 + \frac{3}{5} - \left(3\frac{1}{8} + 5\frac{1}{2}\right)$$

$$\frac{1}{4} \div 5\frac{3}{8} + 2\frac{1}{2} - \frac{6}{5}$$

$$3\frac{7}{9} \div \left(3\frac{3}{4} \times \frac{2}{9} \times 5\frac{1}{3}\right)$$

$$1\frac{7}{8} \left(\left(\frac{7}{5} \right)^2 + 2 \right)$$

$$2\frac{4}{7} - \left(\frac{2}{5} + 2 \right) \div 5\frac{3}{4}$$

Order of Operations with Fractions (B) Answers

$$3\frac{1}{3} - 2\frac{3}{8} - \frac{4}{3} \div 2\frac{5}{7} = \frac{71}{152}$$

$$3\frac{7}{8} + \frac{6}{5} + 1 \div \frac{4}{3} = 5\frac{33}{40}$$

$$\frac{3}{5} + \frac{15}{8} + \frac{3}{5} \times \frac{1}{3} = 2\frac{27}{40}$$

$$\left(5\frac{3}{10} \times \frac{4}{5} - \frac{3}{7}\right) \div \frac{3}{5} = 6\frac{37}{105}$$

$$2\frac{1}{8} + 2\frac{3}{7} \times \frac{5}{4} + 2\frac{5}{6} = 7\frac{167}{168}$$

$$9 + \frac{3}{5} - \left(3\frac{1}{8} + 5\frac{1}{2}\right) = \frac{39}{40}$$

$$\frac{1}{4} \div 5\frac{3}{8} + 2\frac{1}{2} - \frac{6}{5} = 1\frac{149}{430}$$

$$3\frac{7}{9} \div \left(3\frac{3}{4} \times \frac{2}{9} \times 5\frac{1}{3}\right) = \frac{17}{20}$$

$$1\frac{7}{8} \left(\left(\frac{7}{5} \right)^2 + 2 \right) = 7\frac{17}{40}$$

$$2\frac{4}{7} - \left(\frac{2}{5} + 2 \right) \div 5\frac{3}{4} = 2\frac{124}{805}$$

Order of Operations with Fractions (C)

$$3\frac{1}{3} \div \left(\frac{3}{4} + \left(\frac{11}{10} \right)^2 \right)$$

$$\left(\frac{4}{9} \times \frac{1}{3} + \frac{7}{5} \right) \div 1$$

$$2\frac{1}{5} \times 5\frac{4}{7} + 5\frac{1}{6} \times 2\frac{1}{6}$$

$$1\frac{3}{4} + 2\frac{4}{9} \div \left(4\frac{5}{6} \times \frac{1}{2} \right)$$

$$\left(4\frac{4}{9} - 2\frac{5}{7} \right) \times \left(\frac{2}{3} \right)^3$$

$$\left(4\frac{6}{7} - \left(4\frac{2}{7} - 4 \right) \right) \div 7\frac{4}{9}$$

$$\left(2 - \frac{1}{2} \right) (2 - 1)$$

$$\left(\frac{7}{4} \times \frac{1}{7} \right) \div \left(2\frac{1}{4} - 2\frac{1}{8} \right)$$

$$2\frac{8}{9} + 5\frac{2}{3} + \frac{4}{3} - 5\frac{2}{7}$$

$$\frac{2}{3} \div \left(3\frac{9}{10} \times \frac{7}{4} - 4\frac{1}{2} \right)$$

Order of Operations with Fractions (C) Answers

$$3\frac{1}{3} \div \left(\frac{3}{4} + \left(\frac{11}{10} \right)^2 \right) = 1\frac{103}{147}$$

$$\left(\frac{4}{9} \times \frac{1}{3} + \frac{7}{5} \right) \div 1 = 1\frac{74}{135}$$

$$2\frac{1}{5} \times 5\frac{4}{7} + 5\frac{1}{6} \times 2\frac{1}{6} = 23\frac{569}{1260}$$

$$1\frac{3}{4} + 2\frac{4}{9} \div \left(4\frac{5}{6} \times \frac{1}{2} \right) = 2\frac{265}{348}$$

$$\left(4\frac{4}{9} - 2\frac{5}{7} \right) \times \left(\frac{2}{3} \right)^3 = \frac{872}{1701}$$

$$\left(4\frac{6}{7} - \left(4\frac{2}{7} - 4 \right) \right) \div 7\frac{4}{9} = \frac{288}{469}$$

$$\left(2 - \frac{1}{2} \right) (2 - 1) = 1\frac{1}{2}$$

$$\left(\frac{7}{4} \times \frac{1}{7} \right) \div \left(2\frac{1}{4} - 2\frac{1}{8} \right) = 2$$

$$2\frac{8}{9} + 5\frac{2}{3} + \frac{4}{3} - 5\frac{2}{7} = 4\frac{38}{63}$$

$$\frac{2}{3} \div \left(3\frac{9}{10} \times \frac{7}{4} - 4\frac{1}{2} \right) = \frac{80}{279}$$

Order of Operations with Fractions (D)

$$2\frac{5}{8} - \frac{4}{7} - 2 \div 5\frac{4}{9}$$

$$1\frac{1}{2} + \frac{5}{3} + 2\frac{4}{7} \div 2\frac{1}{6}$$

$$2 \div 3\frac{4}{5} + \left(2\frac{2}{3}\right)^2$$

$$\left(3\frac{3}{5} + 3\frac{1}{6}\right)\left(4\frac{3}{8} - \frac{13}{7}\right)$$

$$2 \times \left(\frac{3}{2}\right)^2 - \frac{11}{7}$$

$$5\frac{1}{4} + 7 \div \left(3\frac{4}{5} - \frac{5}{4}\right)$$

$$2\frac{4}{9} - 2 \div \left(2\frac{1}{4} + 1\right)$$

$$\frac{10}{7} \left(5\frac{4}{5} - 5\frac{2}{5}\right) + 3\frac{2}{3}$$

$$3\frac{1}{3} - \frac{3}{2} \div \left(2 + 3\frac{1}{2}\right)$$

$$\left(\frac{5}{4} \times 3\frac{1}{2}\right) \div \left(2\frac{7}{10} \times 2\frac{2}{3}\right)$$

Order of Operations with Fractions (D) Answers

$$2\frac{5}{8} - \frac{4}{7} - 2 \div 5\frac{4}{9} = 1\frac{269}{392}$$

$$1\frac{1}{2} + \frac{5}{3} + 2\frac{4}{7} \div 2\frac{1}{6} = 4\frac{193}{546}$$

$$2 \div 3\frac{4}{5} + \left(2\frac{2}{3}\right)^2 = 7\frac{109}{171}$$

$$\left(3\frac{3}{5} + 3\frac{1}{6}\right)\left(4\frac{3}{8} - \frac{13}{7}\right) = 17\frac{3}{80}$$

$$2 \times \left(\frac{3}{2}\right)^2 - \frac{11}{7} = 2\frac{13}{14}$$

$$5\frac{1}{4} + 7 \div \left(3\frac{4}{5} - \frac{5}{4}\right) = 7\frac{203}{204}$$

$$2\frac{4}{9} - 2 \div \left(2\frac{1}{4} + 1\right) = 1\frac{97}{117}$$

$$\frac{10}{7} \left(5\frac{4}{5} - 5\frac{2}{5}\right) + 3\frac{2}{3} = 4\frac{5}{21}$$

$$3\frac{1}{3} - \frac{3}{2} \div \left(2 + 3\frac{1}{2}\right) = 3\frac{2}{33}$$

$$\left(\frac{5}{4} \times 3\frac{1}{2}\right) \div \left(2\frac{7}{10} \times 2\frac{2}{3}\right) = \frac{175}{288}$$

Order of Operations with Fractions (E)

$$4\frac{1}{4} + \left(3\frac{3}{10} \div \frac{1}{2}\right)^2$$

$$\frac{7}{5} \div \left(\frac{1}{2} \left(5\frac{2}{9} - 3\frac{1}{10}\right)\right)$$

$$2\frac{1}{3} \times 1\frac{3}{4} \left(4\frac{7}{8} - \frac{3}{4}\right)$$

$$4\frac{5}{6} - \frac{5}{3} - 1\frac{8}{9} \div 1\frac{7}{10}$$

$$\left(\left(\frac{1}{2} + 5\frac{1}{7}\right) \times \frac{3}{2}\right) \div 3\frac{2}{9}$$

$$\frac{5}{4} \times \frac{5}{3} (1 + 10)$$

$$\left(\left(\frac{2}{3}\right)^3\right)^2 \div \frac{1}{2}$$

$$\left(6\frac{4}{7} - \frac{7}{9} + 2\frac{1}{8}\right) \times 2\frac{1}{7}$$

$$\left(5\frac{7}{10} + 5\frac{2}{9} + \frac{3}{7}\right) \div \frac{11}{6}$$

$$4\frac{7}{8} + 1\frac{3}{5} - \left(1\frac{2}{7} - \frac{4}{5}\right)$$

Order of Operations with Fractions (E) Answers

$$4\frac{1}{4} + \left(3\frac{3}{10} \div \frac{1}{2}\right)^2 = 47\frac{81}{100}$$

$$\frac{7}{5} \div \left(\frac{1}{2}\left(5\frac{2}{9} - 3\frac{1}{10}\right)\right) = 1\frac{61}{191}$$

$$2\frac{1}{3} \times 1\frac{3}{4}\left(4\frac{7}{8} - \frac{3}{4}\right) = 16\frac{27}{32}$$

$$4\frac{5}{6} - \frac{5}{3} - 1\frac{8}{9} \div 1\frac{7}{10} = 2\frac{1}{18}$$

$$\left(\left(\frac{1}{2} + 5\frac{1}{7}\right) \times \frac{3}{2}\right) \div 3\frac{2}{9} = 2\frac{509}{812}$$

$$\frac{5}{4} \times \frac{5}{3}(1 + 10) = 22\frac{11}{12}$$

$$\left(\left(\frac{2}{3}\right)^3\right)^2 \div \frac{1}{2} = \frac{128}{729}$$

$$\left(6\frac{4}{7} - \frac{7}{9} + 2\frac{1}{8}\right) \times 2\frac{1}{7} = 16\frac{1139}{1176}$$

$$\left(5\frac{7}{10} + 5\frac{2}{9} + \frac{3}{7}\right) \div \frac{11}{6} = 6\frac{221}{1155}$$

$$4\frac{7}{8} + 1\frac{3}{5} - \left(1\frac{2}{7} - \frac{4}{5}\right) = 5\frac{277}{280}$$

Order of Operations with Decimals and Fractions (A)

$$3.9 \times 0.5 + 4\frac{5}{6} \div 3\frac{3}{7}$$

$$\left(\frac{5}{3} \times 4\frac{5}{6}\right) \div 1.75 + \frac{5}{3}$$

$$\left(9 + \frac{1}{6}\right) \div \left(1.7 + 2\frac{3}{4}\right)$$

$$2 \times \left(3\frac{6}{7} - 2.3\right) \div 5\frac{2}{9}$$

$$5.2 + 2.1 \div \left(4.5 - 4\frac{1}{7}\right)$$

$$\left(0.75 \times 1\frac{4}{9}\right) \div \left(4\frac{1}{6} + 1.75\right)$$

$$\left(\frac{3}{2}\right)^2 - 1 + 6$$

$$0.8 \div \left(1.5 + \frac{2}{3}\right)^2$$

$$\frac{2}{9} \left(10\frac{1}{6} - 3\frac{3}{7} - 1\right)$$

$$\left(7 \times \frac{10}{7}\right) \div 1.2 + 1\frac{3}{4}$$

Order of Operations with Decimals and Fractions (A) Answers

$$3.9 \times 0.5 + 4\frac{5}{6} \div 3\frac{3}{7} = \frac{2419}{720}$$

$$\left(\frac{5}{3} \times 4\frac{5}{6}\right) \div 1.75 + \frac{5}{3} = \frac{395}{63}$$

$$\left(9 + \frac{1}{6}\right) \div \left(1.7 + 2\frac{3}{4}\right) = \frac{550}{267}$$

$$2 \times \left(3\frac{6}{7} - 2.3\right) \div 5\frac{2}{9} = \frac{981}{1645}$$

$$5.2 + 2.1 \div \left(4.5 - 4\frac{1}{7}\right) = \frac{277}{25}$$

$$\left(0.75 \times 1\frac{4}{9}\right) \div \left(4\frac{1}{6} + 1.75\right) = \frac{13}{71}$$

$$\left(\frac{3}{2}\right)^2 - 1 + 6 = \frac{29}{4}$$

$$0.8 \div \left(1.5 + \frac{2}{3}\right)^2 = \frac{144}{845}$$

$$\frac{2}{9} \left(10\frac{1}{6} - 3\frac{3}{7} - 1\right) = \frac{241}{189}$$

$$\left(7 \times \frac{10}{7}\right) \div 1.2 + 1\frac{3}{4} = \frac{121}{12}$$

Order of Operations with Decimals and Fractions (B)

$$\left(2.4 + \frac{5}{3}\right) \div \frac{4}{3} - 2.25$$

$$1.75 \div 3.6 + 2\frac{1}{3} \div 1$$

$$\left(2\frac{4}{5}\right)^3 \div \left(2.25 + 3\frac{4}{5}\right)$$

$$1.4 \div 3.75 \times 3\frac{2}{3} \div 5$$

$$0.4 \times \frac{11}{6} \times 2.75 \times 5\frac{1}{4}$$

$$5 + \frac{5}{4} - 0.25 - \frac{3}{4}$$

$$1 \div 0.8 \left(1\frac{5}{6} - 1.6\right)$$

$$3\frac{1}{6} + \left(2\frac{1}{3} \div 3.\dot{6}\right)^3$$

$$1\frac{5}{6} \div \left(\left(6.6 - 1\frac{4}{5}\right) \times \frac{5}{3}\right)$$

$$2\frac{2}{3} - \frac{5}{6} - (0.\dot{3})^2$$

Order of Operations with Decimals and Fractions (B) Answers

$$\left(2.4 + \frac{5}{3}\right) \div \frac{4}{3} - 2.25 = \frac{4}{5}$$

$$1.75 \div 3.6 + 2\frac{1}{3} \div 1 = 2\frac{59}{72}$$

$$\left(2\frac{4}{5}\right)^3 \div \left(2.25 + 3\frac{4}{5}\right) = 3\frac{1901}{3025}$$

$$1.4 \div 3.75 \times 3\frac{2}{3} \div 5 = \frac{308}{1125}$$

$$0.4 \times \frac{11}{6} \times 2.75 \times 5\frac{1}{4} = 10\frac{47}{80}$$

$$5 + \frac{5}{4} - 0.25 - \frac{3}{4} = 5\frac{1}{4}$$

$$1 \div 0.8 \left(1\frac{5}{6} - 1.6\right) = \frac{7}{24}$$

$$3\frac{1}{6} + \left(2\frac{1}{3} \div 3.\dot{6}\right)^3 = 3\frac{3389}{7986}$$

$$1\frac{5}{6} \div \left(\left(6.6 - 1\frac{4}{5}\right) \times \frac{5}{3}\right) = \frac{11}{48}$$

$$2\frac{2}{3} - \frac{5}{6} - (0.\dot{3})^2 = 1\frac{13}{18}$$

Order of Operations with Decimals and Fractions (C)

$$2\frac{1}{6} - \left(1\frac{2}{3} - 1.4 + 1\right)$$

$$2 \times \frac{4}{5} + 1.5 \times 1\frac{3}{4}$$

$$2\frac{2}{3} \times 1.6 - 1.5 \div 2\frac{1}{3}$$

$$2\frac{2}{3} \div \left(6 + 1\frac{1}{4}\right) + 3\frac{1}{3}$$

$$\left(1\frac{1}{6} + 3.4\right) \times 1.75 \times \frac{2}{3}$$

$$2.6 - \left(1.25 - \frac{7}{5} \div \frac{7}{6}\right)$$

$$\left(2\frac{1}{6} \left(5 - \frac{1}{2}\right)\right) \div 4.75$$

$$\left(1\frac{3}{5} + 1\right)^2 - 0.5$$

$$\left(3\frac{2}{3} + 1\frac{1}{6} - 0.75\right) \times 3\frac{2}{3}$$

$$\frac{5}{3} \left(2.5 - \left(2 - \frac{1}{2}\right)\right)$$

Order of Operations with Decimals and Fractions (C) Answers

$$2\frac{1}{6} - \left(1\frac{2}{3} - 1.4 + 1\right) = \frac{9}{10}$$

$$2 \times \frac{4}{5} + 1.5 \times 1\frac{3}{4} = 4\frac{9}{40}$$

$$2\frac{2}{3} \times 1.6 - 1.5 \div 2\frac{1}{3} = 3\frac{131}{210}$$

$$2\frac{2}{3} \div \left(6 + 1\frac{1}{4}\right) + 3\frac{1}{3} = 3\frac{61}{87}$$

$$\left(1\frac{1}{6} + 3.4\right) \times 1.75 \times \frac{2}{3} = 5\frac{59}{180}$$

$$2.6 - \left(1.25 - \frac{7}{5} \div \frac{7}{6}\right) = 2\frac{11}{20}$$

$$\left(2\frac{1}{6} \left(5 - \frac{1}{2}\right)\right) \div 4.75 = 2\frac{1}{19}$$

$$\left(1\frac{3}{5} + 1\right)^2 - 0.5 = 6\frac{13}{50}$$

$$\left(3\frac{2}{3} + 1\frac{1}{6} - 0.75\right) \times 3\frac{2}{3} = 14\frac{35}{36}$$

$$\frac{5}{3} \left(2.5 - \left(2 - \frac{1}{2}\right)\right) = 1\frac{2}{3}$$

Order of Operations with Decimals and Fractions (D)

$$3 + 1.75 + 3\frac{1}{6} + 2$$

$$\frac{1}{6} \div 0.5 - \left(\frac{1}{4}\right)^2$$

$$1.25 + 3.5 + \frac{1}{3} - \frac{1}{2}$$

$$0.5 \left(2.25 \div 3\frac{3}{5} + 4 \right)$$

$$1 \div 1\frac{1}{3} + 1.5 + \frac{5}{3}$$

$$\left(\frac{4}{3} \times 3.25\right) \div 0.75 - \frac{4}{5}$$

$$\frac{7}{6} \div \left(0.4 \times 2\frac{1}{6} \right) + 2\frac{5}{6}$$

$$2 + 3.5 - 1\frac{1}{3} - 1.5$$

$$1\frac{5}{6} \times (2.8)^3 + 2\frac{1}{6}$$

$$1.5 \times \left(1.5 - \frac{3}{5} \right) \times 1.2$$

Order of Operations with Decimals and Fractions (D) Answers

$$3 + 1.75 + 3\frac{1}{6} + 2 = 9\frac{11}{12}$$

$$\frac{1}{6} \div 0.5 - \left(\frac{1}{4}\right)^2 = \frac{13}{48}$$

$$1.25 + 3.5 + \frac{1}{3} - \frac{1}{2} = 4\frac{7}{12}$$

$$0.5 \left(2.25 \div 3\frac{3}{5} + 4 \right) = 2\frac{5}{16}$$

$$1 \div 1\frac{1}{3} + 1.5 + \frac{5}{3} = 3\frac{11}{12}$$

$$\left(\frac{4}{3} \times 3.25\right) \div 0.75 - \frac{4}{5} = 4\frac{44}{45}$$

$$\frac{7}{6} \div \left(0.4 \times 2\frac{1}{6} \right) + 2\frac{5}{6} = 4\frac{7}{39}$$

$$2 + 3.5 - 1\frac{1}{3} - 1.5 = 2\frac{2}{3}$$

$$1\frac{5}{6} \times (2.8)^3 + 2\frac{1}{6} = 42\frac{103}{250}$$

$$1.5 \times \left(1.5 - \frac{3}{5} \right) \times 1.2 = 1\frac{31}{50}$$

Order of Operations with Decimals and Fractions (E)

$$1.75\left(\left(\frac{7}{5}\right)^2 + 3.5\right)$$

$$(1 + (2.5)^2) \div \frac{2}{3}$$

$$3.5 + 1 + 2.2 + \frac{6}{5}$$

$$\left(\frac{9}{5} + 2\right)\left(1.4 - \frac{1}{2}\right)$$

$$\left(1.25 \times \frac{3}{2}\right) \div \left(3.2 - 1\frac{1}{2}\right)$$

$$3\frac{1}{6} + 1.5 + 2.4 + \frac{5}{3}$$

$$1.5 - 2\frac{3}{4} \div \left(1\frac{1}{3} + 2\right)$$

$$\left(1\frac{5}{6} - \frac{5}{6} + 1.5\right) \times 3.8$$

$$\left(3\frac{5}{6} \times \frac{11}{6}\right) \div 1.4 - 2.2$$

$$\left(1.\dot{3} + 2\frac{1}{6} \times 1.\dot{3}\right) \times 1\frac{5}{6}$$

Order of Operations with Decimals and Fractions (E) Answers

$$1.75 \left(\left(\frac{7}{5} \right)^2 + 3.5 \right) = 9 \frac{111}{200}$$

$$\left(1 + (2.5)^2 \right) \div \frac{2}{3} = 10 \frac{7}{8}$$

$$3.5 + 1 + 2.2 + \frac{6}{5} = 7 \frac{9}{10}$$

$$\left(\frac{9}{5} + 2 \right) \left(1.4 - \frac{1}{2} \right) = 3 \frac{21}{50}$$

$$\left(1.25 \times \frac{3}{2} \right) \div \left(3.2 - 1 \frac{1}{2} \right) = 1 \frac{7}{68}$$

$$3 \frac{1}{6} + 1.5 + 2.4 + \frac{5}{3} = 8 \frac{11}{15}$$

$$1.5 - 2 \frac{3}{4} \div \left(1 \frac{1}{3} + 2 \right) = \frac{27}{40}$$

$$\left(1 \frac{5}{6} - \frac{5}{6} + 1.5 \right) \times 3.8 = 9 \frac{1}{2}$$

$$\left(3 \frac{5}{6} \times \frac{11}{6} \right) \div 1.4 - 2.2 = 2 \frac{1033}{1260}$$

$$\left(1.\dot{3} + 2 \frac{1}{6} \times 1.\dot{3} \right) \times 1 \frac{5}{6} = 7 \frac{20}{27}$$

Order of Operations with Decimals and Fractions (A)

$$3.9 \times 0.5 + 4\frac{5}{6} \div 3\frac{3}{7}$$

$$\left(\frac{5}{3} \times 4\frac{5}{6}\right) \div 1.75 + \frac{5}{3}$$

$$\left(9 + \frac{1}{6}\right) \div \left(1.7 + 2\frac{3}{4}\right)$$

$$2 \times \left(3\frac{6}{7} - 2.3\right) \div 5\frac{2}{9}$$

$$5.2 + 2.1 \div \left(4.5 - 4\frac{1}{7}\right)$$

$$\left(0.75 \times 1\frac{4}{9}\right) \div \left(4\frac{1}{6} + 1.75\right)$$

$$\left(\frac{3}{2}\right)^2 - 1 + 6$$

$$0.8 \div \left(1.5 + \frac{2}{3}\right)^2$$

$$\frac{2}{9} \left(10\frac{1}{6} - 3\frac{3}{7} - 1\right)$$

$$\left(7 \times \frac{10}{7}\right) \div 1.2 + 1\frac{3}{4}$$

Order of Operations with Decimals and Fractions (A) Answers

$$3.9 \times 0.5 + 4\frac{5}{6} \div 3\frac{3}{7} = \frac{2419}{720}$$

$$\left(\frac{5}{3} \times 4\frac{5}{6}\right) \div 1.75 + \frac{5}{3} = \frac{395}{63}$$

$$\left(9 + \frac{1}{6}\right) \div \left(1.7 + 2\frac{3}{4}\right) = \frac{550}{267}$$

$$2 \times \left(3\frac{6}{7} - 2.3\right) \div 5\frac{2}{9} = \frac{981}{1645}$$

$$5.2 + 2.1 \div \left(4.5 - 4\frac{1}{7}\right) = \frac{277}{25}$$

$$\left(0.75 \times 1\frac{4}{9}\right) \div \left(4\frac{1}{6} + 1.75\right) = \frac{13}{71}$$

$$\left(\frac{3}{2}\right)^2 - 1 + 6 = \frac{29}{4}$$

$$0.8 \div \left(1.5 + \frac{2}{3}\right)^2 = \frac{144}{845}$$

$$\frac{2}{9} \left(10\frac{1}{6} - 3\frac{3}{7} - 1\right) = \frac{241}{189}$$

$$\left(7 \times \frac{10}{7}\right) \div 1.2 + 1\frac{3}{4} = \frac{121}{12}$$

Order of Operations with Decimals and Fractions (B)

$$\left(2.4 + \frac{5}{3}\right) \div \frac{4}{3} - 2.25$$

$$1.75 \div 3.6 + 2\frac{1}{3} \div 1$$

$$\left(2\frac{4}{5}\right)^3 \div \left(2.25 + 3\frac{4}{5}\right)$$

$$1.4 \div 3.75 \times 3\frac{2}{3} \div 5$$

$$0.4 \times \frac{11}{6} \times 2.75 \times 5\frac{1}{4}$$

$$5 + \frac{5}{4} - 0.25 - \frac{3}{4}$$

$$1 \div 0.8 \left(1\frac{5}{6} - 1.6\right)$$

$$3\frac{1}{6} + \left(2\frac{1}{3} \div 3.\dot{6}\right)^3$$

$$1\frac{5}{6} \div \left(\left(6.6 - 1\frac{4}{5}\right) \times \frac{5}{3}\right)$$

$$2\frac{2}{3} - \frac{5}{6} - (0.\dot{3})^2$$

Order of Operations with Decimals and Fractions (B) Answers

$$\left(2.4 + \frac{5}{3}\right) \div \frac{4}{3} - 2.25 = \frac{4}{5}$$

$$1.75 \div 3.6 + 2\frac{1}{3} \div 1 = 2\frac{59}{72}$$

$$\left(2\frac{4}{5}\right)^3 \div \left(2.25 + 3\frac{4}{5}\right) = 3\frac{1901}{3025}$$

$$1.4 \div 3.75 \times 3\frac{2}{3} \div 5 = \frac{308}{1125}$$

$$0.4 \times \frac{11}{6} \times 2.75 \times 5\frac{1}{4} = 10\frac{47}{80}$$

$$5 + \frac{5}{4} - 0.25 - \frac{3}{4} = 5\frac{1}{4}$$

$$1 \div 0.8 \left(1\frac{5}{6} - 1.6\right) = \frac{7}{24}$$

$$3\frac{1}{6} + \left(2\frac{1}{3} \div 3.\dot{6}\right)^3 = 3\frac{3389}{7986}$$

$$1\frac{5}{6} \div \left(\left(6.6 - 1\frac{4}{5}\right) \times \frac{5}{3}\right) = \frac{11}{48}$$

$$2\frac{2}{3} - \frac{5}{6} - (0.\dot{3})^2 = 1\frac{13}{18}$$

Order of Operations with Decimals and Fractions (C)

$$2\frac{1}{6} - \left(1\frac{2}{3} - 1.4 + 1\right)$$

$$2 \times \frac{4}{5} + 1.5 \times 1\frac{3}{4}$$

$$2\frac{2}{3} \times 1.6 - 1.5 \div 2\frac{1}{3}$$

$$2\frac{2}{3} \div \left(6 + 1\frac{1}{4}\right) + 3\frac{1}{3}$$

$$\left(1\frac{1}{6} + 3.4\right) \times 1.75 \times \frac{2}{3}$$

$$2.6 - \left(1.25 - \frac{7}{5} \div \frac{7}{6}\right)$$

$$\left(2\frac{1}{6} \left(5 - \frac{1}{2}\right)\right) \div 4.75$$

$$\left(1\frac{3}{5} + 1\right)^2 - 0.5$$

$$\left(3\frac{2}{3} + 1\frac{1}{6} - 0.75\right) \times 3\frac{2}{3}$$

$$\frac{5}{3} \left(2.5 - \left(2 - \frac{1}{2}\right)\right)$$

Order of Operations with Decimals and Fractions (C) Answers

$$2\frac{1}{6} - \left(1\frac{2}{3} - 1.4 + 1\right) = \frac{9}{10}$$

$$2 \times \frac{4}{5} + 1.5 \times 1\frac{3}{4} = 4\frac{9}{40}$$

$$2\frac{2}{3} \times 1.6 - 1.5 \div 2\frac{1}{3} = 3\frac{131}{210}$$

$$2\frac{2}{3} \div \left(6 + 1\frac{1}{4}\right) + 3\frac{1}{3} = 3\frac{61}{87}$$

$$\left(1\frac{1}{6} + 3.4\right) \times 1.75 \times \frac{2}{3} = 5\frac{59}{180}$$

$$2.6 - \left(1.25 - \frac{7}{5} \div \frac{7}{6}\right) = 2\frac{11}{20}$$

$$\left(2\frac{1}{6} \left(5 - \frac{1}{2}\right)\right) \div 4.75 = 2\frac{1}{19}$$

$$\left(1\frac{3}{5} + 1\right)^2 - 0.5 = 6\frac{13}{50}$$

$$\left(3\frac{2}{3} + 1\frac{1}{6} - 0.75\right) \times 3\frac{2}{3} = 14\frac{35}{36}$$

$$\frac{5}{3} \left(2.5 - \left(2 - \frac{1}{2}\right)\right) = 1\frac{2}{3}$$

Order of Operations with Decimals and Fractions (D)

$$3 + 1.75 + 3\frac{1}{6} + 2$$

$$\frac{1}{6} \div 0.5 - \left(\frac{1}{4}\right)^2$$

$$1.25 + 3.5 + \frac{1}{3} - \frac{1}{2}$$

$$0.5 \left(2.25 \div 3\frac{3}{5} + 4 \right)$$

$$1 \div 1\frac{1}{3} + 1.5 + \frac{5}{3}$$

$$\left(\frac{4}{3} \times 3.25\right) \div 0.75 - \frac{4}{5}$$

$$\frac{7}{6} \div \left(0.4 \times 2\frac{1}{6} \right) + 2\frac{5}{6}$$

$$2 + 3.5 - 1\frac{1}{3} - 1.5$$

$$1\frac{5}{6} \times (2.8)^3 + 2\frac{1}{6}$$

$$1.5 \times \left(1.5 - \frac{3}{5} \right) \times 1.2$$

Order of Operations with Decimals and Fractions (D) Answers

$$3 + 1.75 + 3\frac{1}{6} + 2 = 9\frac{11}{12}$$

$$\frac{1}{6} \div 0.5 - \left(\frac{1}{4}\right)^2 = \frac{13}{48}$$

$$1.25 + 3.5 + \frac{1}{3} - \frac{1}{2} = 4\frac{7}{12}$$

$$0.5 \left(2.25 \div 3\frac{3}{5} + 4 \right) = 2\frac{5}{16}$$

$$1 \div 1\frac{1}{3} + 1.5 + \frac{5}{3} = 3\frac{11}{12}$$

$$\left(\frac{4}{3} \times 3.25\right) \div 0.75 - \frac{4}{5} = 4\frac{44}{45}$$

$$\frac{7}{6} \div \left(0.4 \times 2\frac{1}{6} \right) + 2\frac{5}{6} = 4\frac{7}{39}$$

$$2 + 3.5 - 1\frac{1}{3} - 1.5 = 2\frac{2}{3}$$

$$1\frac{5}{6} \times (2.8)^3 + 2\frac{1}{6} = 42\frac{103}{250}$$

$$1.5 \times \left(1.5 - \frac{3}{5} \right) \times 1.2 = 1\frac{31}{50}$$

Order of Operations with Decimals and Fractions (E)

$$1.75\left(\left(\frac{7}{5}\right)^2 + 3.5\right)$$

$$\left(1 + (2.5)^2\right) \div \frac{2}{3}$$

$$3.5 + 1 + 2.2 + \frac{6}{5}$$

$$\left(\frac{9}{5} + 2\right)\left(1.4 - \frac{1}{2}\right)$$

$$\left(1.25 \times \frac{3}{2}\right) \div \left(3.2 - 1\frac{1}{2}\right)$$

$$3\frac{1}{6} + 1.5 + 2.4 + \frac{5}{3}$$

$$1.5 - 2\frac{3}{4} \div \left(1\frac{1}{3} + 2\right)$$

$$\left(1\frac{5}{6} - \frac{5}{6} + 1.5\right) \times 3.8$$

$$\left(3\frac{5}{6} \times \frac{11}{6}\right) \div 1.4 - 2.2$$

$$\left(1.\dot{3} + 2\frac{1}{6} \times 1.\dot{3}\right) \times 1\frac{5}{6}$$

Order of Operations with Decimals and Fractions (E) Answers

$$1.75\left(\left(\frac{7}{5}\right)^2 + 3.5\right) = 9\frac{111}{200}$$

$$(1 + (2.5)^2) \div \frac{2}{3} = 10\frac{7}{8}$$

$$3.5 + 1 + 2.2 + \frac{6}{5} = 7\frac{9}{10}$$

$$\left(\frac{9}{5} + 2\right)\left(1.4 - \frac{1}{2}\right) = 3\frac{21}{50}$$

$$\left(1.25 \times \frac{3}{2}\right) \div \left(3.2 - 1\frac{1}{2}\right) = 1\frac{7}{68}$$

$$3\frac{1}{6} + 1.5 + 2.4 + \frac{5}{3} = 8\frac{11}{15}$$

$$1.5 - 2\frac{3}{4} \div \left(1\frac{1}{3} + 2\right) = \frac{27}{40}$$

$$\left(1\frac{5}{6} - \frac{5}{6} + 1.5\right) \times 3.8 = 9\frac{1}{2}$$

$$\left(3\frac{5}{6} \times \frac{11}{6}\right) \div 1.4 - 2.2 = 2\frac{1033}{1260}$$

$$\left(1.\dot{3} + 2\frac{1}{6} \times 1.\dot{3}\right) \times 1\frac{5}{6} = 7\frac{20}{27}$$

Order of Operations with Decimals and Fractions (A)

$$2\frac{2}{9} \times \left(-1\frac{1}{3}\right) + \left(-1\frac{7}{9}\right) + 0.75$$

$$\left(2\frac{1}{7} \times (4.8)^3\right) \div (-9)$$

$$2\frac{2}{3} + \left(\left(\frac{-16}{9}\right) + 0.6\right) \div 1.1$$

$$2.6 \times 2 \left(\left(-3\frac{1}{6}\right) + 2\right)$$

$$(-10) \div \left(\left(-3\frac{2}{3}\right) - 2\frac{6}{7}\right) \times 5.6$$

$$1 + \left(-3\frac{1}{5}\right) + (-3.1) + 7$$

$$\left(1.7 - 3\frac{2}{7}\right) \div \left((-2) + 5\frac{6}{7}\right)$$

$$2\frac{5}{7} \div 1.5 + 2\frac{1}{6} + 5$$

$$2 \div (-8.4) \times 3.8 \times \frac{1}{8}$$

$$(-1.5) \div \left(-1\frac{1}{3}\right) + (-1.5)^2$$

Order of Operations with Decimals and Fractions (A) Answers

$$2\frac{2}{9} \times \left(-1\frac{1}{3}\right) + \left(-1\frac{7}{9}\right) + 0.75 = -3\frac{107}{108} \quad \left(2\frac{1}{7} \times (4.8)^3\right) \div (-9) = -26\frac{58}{175}$$

$$2\frac{2}{3} + \left(\left(\frac{-16}{9}\right) + 0.6\right) \div 1.1 = 1\frac{59}{99} \quad 2.\dot{6} \times 2 \left(\left(-3\frac{1}{6}\right) + 2\right) = -6\frac{2}{9}$$

$$(-10) \div \left(\left(-3\frac{2}{3}\right) - 2\frac{6}{7}\right) \times 5.6 = 8\frac{80}{137} \quad 1 + \left(-3\frac{1}{5}\right) + (-3.1) + 7 = 1\frac{7}{10}$$

$$\left(1.\dot{7} - 3\frac{2}{7}\right) \div \left((-2) + 5\frac{6}{7}\right) = -\frac{95}{243} \quad 2\frac{5}{7} \div 1.5 + 2\frac{1}{6} + 5 = 8\frac{41}{42}$$

$$2 \div (-8.4) \times 3.8 \times \frac{1}{8} = -\frac{19}{168} \quad (-1.5) \div \left(-1\frac{1}{3}\right) + (-1.5)^2 = 3\frac{3}{8}$$

Order of Operations Two Steps (1)

1) $6(2 + 4)$

2) 4×3^2

3) $3 + 12 \div 6$

4) $(1 + 4) \div 5$

5) $5(6 + 3)$

6) $3 + 2 + 2$

7) $1 + 3 - 1$

8) $4 + 12 \div 4$

9) $(2 \div 2)^3$

10) $5 - (3 - 1)$

11) $12 \div 3 + 4$

12) $4 \times 3 \times 3$

13) $5 \times 6 - 6$

14) $(15 \div 3)^2$

15) $3 - (5 - 3)$

16) $5 + 5 \times 5$

17) $5 \times 6 \div 6$

18) $(3 \times 2)^2$

19) $18 \div (5 - 2)$

20) $5 \times 4 + 1$

Order of Operations Two Steps (1) Answers

1) $6(2 + 4)$

36

2) 4×3^2

36

3) $3 + 12 \div 6$

5

4) $(1 + 4) \div 5$

1

5) $5(6 + 3)$

45

6) $3 + 2 + 2$

7

7) $1 + 3 - 1$

3

8) $4 + 12 \div 4$

7

9) $(2 \div 2)^3$

1

10) $5 - (3 - 1)$

3

11) $12 \div 3 + 4$

8

12) $4 \times 3 \times 3$

36

13) $5 \times 6 - 6$

24

14) $(15 \div 3)^2$

25

15) $3 - (5 - 3)$

1

16) $5 + 5 \times 5$

30

17) $5 \times 6 \div 6$

5

18) $(3 \times 2)^2$

36

19) $18 \div (5 - 2)$

6

20) $5 \times 4 + 1$

21

Order of Operations Two Steps (2)

1) $(3 - 1) \times 5$

2) $(2 + 3)^2$

3) $3 \times 6 + 5$

4) $(5 + 2) \times 4$

5) $4 \times 2 \times 3$

6) $5 \times 6 - 2$

7) $(3 \times 2) \div 2$

8) $3 + 18 \div 3$

9) $4 + 3 - 6$

10) $(5 - 4)^2$

11) $5 \times 2 - 2$

12) $6 \div (3 + 3)$

13) $2 + 3 + 3$

14) $12 \div (5 - 2)$

15) $10 \div 2 - 1$

16) $4 + 4 + 3$

17) $6 - 2 + 6$

18) $1 + 15 \div 3$

19) $3(3 + 3)$

20) $(10 - 4) \div 2$

Order of Operations Two Steps (2) Answers

1) $(3 - 1) \times 5$

10

2) $(2 + 3)^2$

25

3) $3 \times 6 + 5$

23

4) $(5 + 2) \times 4$

28

5) $4 \times 2 \times 3$

24

6) $5 \times 6 - 2$

28

7) $(3 \times 2) \div 2$

3

8) $3 + 18 \div 3$

9

9) $4 + 3 - 6$

1

10) $(5 - 4)^2$

1

11) $5 \times 2 - 2$

8

12) $6 \div (3 + 3)$

1

13) $2 + 3 + 3$

8

14) $12 \div (5 - 2)$

4

15) $10 \div 2 - 1$

4

16) $4 + 4 + 3$

11

17) $6 - 2 + 6$

10

18) $1 + 15 \div 3$

6

19) $3(3 + 3)$

18

20) $(10 - 4) \div 2$

3

Order of Operations Two Steps (3)

1) $4 - 4 + 4$

2) $2 + 1 - 2$

3) $(6 + 2) \times 5$

4) $2 \div 2 + 4$

5) $2 \times 3 \times 6$

6) $6(3 + 5)$

7) $(9 - 3) \div 3$

8) $(6 + 1)^2$

9) $2 \times 6 \times 5$

10) $1 + 5 + 1$

11) $6 + 8 \div 4$

12) $5 - 6 \div 3$

13) $6 - 2^2$

14) $4 \times 4 - 1$

15) $12 \div (6 - 3)$

16) $4 - (4 - 2)$

17) $6 \times 3 - 1$

18) $4 \times 4 - 2$

19) $12 \div 4 \times 5$

20) $(2 - 1)^2$

Order of Operations Two Steps (3) Answers

1) $4 - 4 + 4$

4

2) $2 + 1 - 2$

1

3) $(6 + 2) \times 5$

40

4) $2 \div 2 + 4$

5

5) $2 \times 3 \times 6$

36

6) $6(3 + 5)$

48

7) $(9 - 3) \div 3$

2

8) $(6 + 1)^2$

49

9) $2 \times 6 \times 5$

60

10) $1 + 5 + 1$

7

11) $6 + 8 \div 4$

8

12) $5 - 6 \div 3$

3

13) $6 - 2^2$

2

14) $4 \times 4 - 1$

15

15) $12 \div (6 - 3)$

4

16) $4 - (4 - 2)$

2

17) $6 \times 3 - 1$

17

18) $4 \times 4 - 2$

14

19) $12 \div 4 \times 5$

15

20) $(2 - 1)^2$

1

Order of Operations Two Steps (4)

1) $2 \times 3 \times 6$

2) $3(4 - 1)$

3) $(4 - 1) \times 6$

4) $(4 - 3) \times 6$

5) $18 \div (2 + 4)$

6) $3 - 2 + 2$

7) $4 + 5 - 5$

8) $6 + 6 - 3$

9) $3 + 6 - 2$

10) $4(6 - 3)$

11) $4 - (5 - 4)$

12) $6 - (2 + 2)$

13) $6 \times 5 - 2$

14) $12 \div (3 - 1)$

15) $3^3 + 4$

16) $2 \times 5 \times 6$

17) $4 + 4 - 5$

18) $4 + 1^2$

19) $6 - (5 - 5)$

20) $4 \times 5 - 4$

Order of Operations Two Steps (4) Answers

1) $2 \times 3 \times 6$

36

2) $3(4 - 1)$

9

3) $(4 - 1) \times 6$

18

4) $(4 - 3) \times 6$

6

5) $18 \div (2 + 4)$

3

6) $3 - 2 + 2$

3

7) $4 + 5 - 5$

4

8) $6 + 6 - 3$

9

9) $3 + 6 - 2$

7

10) $4(6 - 3)$

12

11) $4 - (5 - 4)$

3

12) $6 - (2 + 2)$

2

13) $6 \times 5 - 2$

28

14) $12 \div (3 - 1)$

6

15) $3^3 + 4$

31

16) $2 \times 5 \times 6$

60

17) $4 + 4 - 5$

3

18) $4 + 1^2$

5

19) $6 - (5 - 5)$

6

20) $4 \times 5 - 4$

16

Order of Operations Two Steps (5)

1) $(3 + 6) \times 5$

2) $4 + 10 \div 2$

3) $(1 + 1) \times 5$

4) $5 + 4 + 1$

5) $(1 + 2) \div 3$

6) $5 - 12 \div 3$

7) $(5 - 2) \times 2$

8) $2 \times 2 \times 4$

9) $(17 + 1) \div 3$

10) $5 + 1 + 6$

11) $3 - (3 - 2)$

12) $(12 \div 4)^2$

13) $5 + 1 + 1$

14) $12 \div 2 \times 6$

15) $2(6 - 1)$

16) $(4 + 2)^2$

17) $5 - 2 \times 2$

18) $(15 \times 2) \div 6$

19) $5 \div 5 + 4$

20) $5 - 3 + 3$

Order of Operations Two Steps (5) Answers

1) $(3 + 6) \times 5$

45

2) $4 + 10 \div 2$

9

3) $(1 + 1) \times 5$

10

4) $5 + 4 + 1$

10

5) $(1 + 2) \div 3$

1

6) $5 - 12 \div 3$

1

7) $(5 - 2) \times 2$

6

8) $2 \times 2 \times 4$

16

9) $(17 + 1) \div 3$

6

10) $5 + 1 + 6$

12

11) $3 - (3 - 2)$

2

12) $(12 \div 4)^2$

9

13) $5 + 1 + 1$

7

14) $12 \div 2 \times 6$

36

15) $2(6 - 1)$

10

16) $(4 + 2)^2$

36

17) $5 - 2 \times 2$

1

18) $(15 \times 2) \div 6$

5

19) $5 \div 5 + 4$

5

20) $5 - 3 + 3$

5

Order of Operations Integers (1)

1) $(6 + (-7) - 1) \times 8$

2) $(-6) - ((-2) - 5)^2$

3) $(6 - 1)((-3) - 4)$

4) $20 \div (3 \times 2 - 4)$

5) $4 - 3 + 8 + 3$

6) $7 - (10 - (-8)) - 3$

7) $(28 - 8) \div ((-9) - (-5))$

8) $((-10) + 3) \div ((-8) + 7)$

9) $2 + (-1)^2 - 7$

10) $((-6) \div (-3)) \times ((-30) \div (-3))$

11) $5 - (-7) + 1 + 2$

12) $8 \times (-1) - 3^2$

13) $(-4) \times (-10) \div ((-9) + 7)$

14) $(-8) \times (-30) \div (4 - 9)$

15) $(22 - 6 - 8) \div (-8)$

16) $(4 - 6 - 8) \times 4$

17) $4((-9) - (-8)) \times (-4)$

18) $((-3) + 8 - (-2)) \times 6$

19) $(-9) \div (1 - ((-4) - (-8)))$

20) $(-1) - 5 - (-4)^3$

Order of Operations Integers (1) Answers

1) $(6 + (-7) - 1) \times 8$

-16

2) $(-6) - ((-2) - 5)^2$

-55

3) $(6 - 1)((-3) - 4)$

-35

4) $20 \div (3 \times 2 - 4)$

10

5) $4 - 3 + 8 + 3$

12

6) $7 - (10 - (-8)) - 3$

-14

7) $(28 - 8) \div ((-9) - (-5))$

-5

8) $((-10) + 3) \div ((-8) + 7)$

7

9) $2 + (-1)^2 - 7$

-4

10) $((-6) \div (-3)) \times ((-30) \div (-3))$

20

11) $5 - (-7) + 1 + 2$

15

12) $8 \times (-1) - 3^2$

-17

13) $(-4) \times (-10) \div ((-9) + 7)$

-20

14) $(-8) \times (-30) \div (4 - 9)$

-48

15) $(22 - 6 - 8) \div (-8)$

-1

16) $(4 - 6 - 8) \times 4$

-40

17) $4((-9) - (-8)) \times (-4)$

16

18) $((-3) + 8 - (-2)) \times 6$

42

19) $(-9) \div (1 - ((-4) - (-8)))$

3

20) $(-1) - 5 - (-4)^3$

58

Order of Operations Integers (2)

1) $(-6) \times 30 \div (-3) + 5$

2) $(-6) - ((-13) + 3) \div 10$

3) $((-29) - (4 + 2)) \div 5$

4) $8 + 7 + 10 - (-5)$

5) $(-3) - 3 + 5 - 1$

6) $7 + 6((-6) - 10)$

7) $(9 + 10)((-3) - (-4))$

8) $8 - ((-9) + 9 - 1)$

9) $(-2) - 10 + 4 - (-3)$

10) $6 \times (-9) + 1 - 6$

11) $(30 \div (-5))^2 - 2$

12) $(-2) \times 7 \div ((-4) + 3)$

13) $10(((-6) \div (-1)) - 3)$

14) $10 + 4 + 10 + 9$

15) $6 + (-9) - 8 - 8$

16) $2 + (-3) + 8 + 1$

17) $(-7) - 4 + 2 + 8$

18) $(14 - 8) \div (3 - 6)$

19) $5 - 9 - 10 - (-6)$

20) $(-3) + 3 + 9 \times 4$

Order of Operations Integers (2) Answers

1) $(-6) \times 30 \div (-3) + 5$

65

2) $(-6) - ((-13) + 3) \div 10$

-5

3) $((-29) - (4 + 2)) \div 5$

-7

4) $8 + 7 + 10 - (-5)$

30

5) $(-3) - 3 + 5 - 1$

-2

6) $7 + 6((-6) - 10)$

-89

7) $(9 + 10)((-3) - (-4))$

19

8) $8 - ((-9) + 9 - 1)$

9

9) $(-2) - 10 + 4 - (-3)$

-5

10) $6 \times (-9) + 1 - 6$

-59

11) $(30 \div (-5))^2 - 2$

34

12) $(-2) \times 7 \div ((-4) + 3)$

14

13) $10(((-6) \div (-1)) - 3)$

30

14) $10 + 4 + 10 + 9$

33

15) $6 + (-9) - 8 - 8$

-19

16) $2 + (-3) + 8 + 1$

8

17) $(-7) - 4 + 2 + 8$

-1

18) $(14 - 8) \div (3 - 6)$

-2

19) $5 - 9 - 10 - (-6)$

-8

20) $(-3) + 3 + 9 \times 4$

36

Order of Operations Integers (3)

1) $(-9) \times 5 + 2^2$

2) $4 - (1 - 8 - 3)$

3) $6 \times 7 + 5 - 7$

4) $8 - 5 - 8 + 8$

5) $(-10) + 6 - 1 - 8$

6) $(-2) - (8 \times 10 + 9)$

7) $(-1) - 3 - (-6) \times (-3)$

8) $24 \div (-6) - ((-1) - 10)$

9) $2 \times 2 + 8 - 3$

10) $(30 - 10) \div (3 + 1)$

11) $(-3) \times (-2) + (-4) + 8$

12) $(7 \times 3) \div ((-1) - 6)$

13) $(3^2 - 3) \times (-8)$

14) $((-30) \div 6) + 4 \times 2$

15) $(-4) - (7 - (10 - 8))$

16) $5 - 8 \div (-8) - 9$

17) $(-7) - 4 - 9 + 10$

18) $9 - (-1) - 1 - 4$

19) $((-12) \times 2) \div 6$

20) $8 - ((-9) + 10) \times (-7)$

Order of Operations Integers (3) Answers

1) $(-9) \times 5 + 2^2$

-41

2) $4 - (1 - 8 - 3)$

14

3) $6 \times 7 + 5 - 7$

40

4) $8 - 5 - 8 + 8$

3

5) $(-10) + 6 - 1 - 8$

-13

6) $(-2) - (8 \times 10 + 9)$

-91

7) $(-1) - 3 - (-6) \times (-3)$

-22

8) $24 \div (-6) - ((-1) - 10)$

7

9) $2 \times 2 + 8 - 3$

9

10) $(30 - 10) \div (3 + 1)$

5

11) $(-3) \times (-2) + (-4) + 8$

10

12) $(7 \times 3) \div ((-1) - 6)$

-3

13) $(3^2 - 3) \times (-8)$

-48

14) $((-30) \div 6) + 4 \times 2$

3

15) $(-4) - (7 - (10 - 8))$

-9

16) $5 - 8 \div (-8) - 9$

-3

17) $(-7) - 4 - 9 + 10$

-10

18) $9 - (-1) - 1 - 4$

5

19) $((-12) \times 2) \div 6$

-4

20) $8 - ((-9) + 10) \times (-7)$

15

Order of Operations Integers (4)

1) $3 \times 18 \div ((-10) + 1)$

2) $7 - 9 + 5 + 10$

3) $(((-1) - 7) \times 2) \div 8$

4) $(-4) - ((-7) + (-8) + 10)$

5) $2 + 5 - ((-2) - 9)$

6) $2 - 9 - 2 - 9$

7) $1 - 9 \times (-7) - 4$

8) $(-10) \times (-5) - 5 - (-8)$

9) $20 \div 10 - 2 \times 8$

10) $3 - 7 \div ((-2) - (-9))$

11) $(-9) - (-6) + 3 \div 3$

12) $2 - (-8) - 9 \times (-7)$

13) $(13 - 8) \div (6 - 1)$

14) $10 - ((-2) - 8 \times (-9))$

15) $((-3) \times 3 + 4) \div (-1)$

16) $(-15) \div (9 - 1 - 5)$

17) $(-7) \times 2 - 3 \times 2$

18) $((11 - (-10)) \times 2) \div (-6)$

19) $2 \div (-1) - (-4)^2$

20) $3 - 1 - ((-16) \div (-2))$

Order of Operations Integers (4) Answers

1) $3 \times 18 \div ((-10) + 1)$

-6

2) $7 - 9 + 5 + 10$

13

3) $(((-1) - 7) \times 2) \div 8$

-2

4) $(-4) - ((-7) + (-8) + 10)$

1

5) $2 + 5 - ((-2) - 9)$

18

6) $2 - 9 - 2 - 9$

-18

7) $1 - 9 \times (-7) - 4$

60

8) $(-10) \times (-5) - 5 - (-8)$

53

9) $20 \div 10 - 2 \times 8$

-14

10) $3 - 7 \div ((-2) - (-9))$

2

11) $(-9) - (-6) + 3 \div 3$

-2

12) $2 - (-8) - 9 \times (-7)$

73

13) $(13 - 8) \div (6 - 1)$

1

14) $10 - ((-2) - 8 \times (-9))$

-60

15) $((-3) \times 3 + 4) \div (-1)$

5

16) $(-15) \div (9 - 1 - 5)$

-5

17) $(-7) \times 2 - 3 \times 2$

-20

18) $((11 - (-10)) \times 2) \div (-6)$

-7

19) $2 \div (-1) - (-4)^2$

-18

20) $3 - 1 - ((-16) \div (-2))$

-6

Order of Operations Integers (5)

1) $10 \div 5 - 5 - 5$

2) $(-3) + 2 - (-5) \times 3$

3) $((-28) \times 2) \div ((-8) - (-1))$

4) $((-9) - 6) \div ((-1) - (-4))$

5) $(-10) \times 8(4 - 3)$

6) $((-17) - (8 - 1)) \div (-4)$

7) $7 + 1 - (4 - 3)$

8) $10 \times ((-10) + 1) \div (-9)$

9) $(-7) + 5 + 5 \times (-4)$

10) $((-26) + 8) \div ((-6) + 4)$

11) $(-3) + 4 - 1 + 3$

12) $(-4) \times (-7) + 9 - 10$

13) $(-4) - 12 \div 3 - 3$

14) $1 + (-9) - ((-8) - 9)$

15) $(-9) - (-1) - 2^2$

16) $((-3) \times 2) \div ((-4) - 2)$

17) $(-5) + (-4) - 9 - 5$

18) $((-26) - (-6) - 4) \div 3$

19) $(5^2 - 1) \times 4$

20) $5 - 4((-2) - (-2))$

Order of Operations Integers (5) Answers

1) $10 \div 5 - 5 - 5$

-8

2) $(-3) + 2 - (-5) \times 3$

14

3) $((-28) \times 2) \div ((-8) - (-1))$

8

4) $((-9) - 6) \div ((-1) - (-4))$

-5

5) $(-10) \times 8(4 - 3)$

-80

6) $((-17) - (8 - 1)) \div (-4)$

6

7) $7 + 1 - (4 - 3)$

7

8) $10 \times ((-10) + 1) \div (-9)$

10

9) $(-7) + 5 + 5 \times (-4)$

-22

10) $((-26) + 8) \div ((-6) + 4)$

9

11) $(-3) + 4 - 1 + 3$

3

12) $(-4) \times (-7) + 9 - 10$

27

13) $(-4) - 12 \div 3 - 3$

-11

14) $1 + (-9) - ((-8) - 9)$

9

15) $(-9) - (-1) - 2^2$

-12

16) $((-3) \times 2) \div ((-4) - 2)$

1

17) $(-5) + (-4) - 9 - 5$

-23

18) $((-26) - (-6) - 4) \div 3$

-8

19) $(5^2 - 1) \times 4$

96

20) $5 - 4((-2) - (-2))$

5

Order of Operations Four Steps (1)

1) $(7 - 4) \times 2 \div (5 - 3)$

2) $((2 + 23 - 7) \times 2) \div 4$

3) $((6 - 3) \times 2) \div 3$

4) $4 \times 8 + 8(7 - 7)$

5) $7 + (28 - (13 - 6)) \div 3$

6) $10 - 24 \div 6 + 8 - 5$

7) $18 \div (9 - 6)(1 + 2)$

8) $5 + 12 \div (2 + 4 - 2)$

9) $6 \times 3 + 3^2 - 6$

10) $8 \times 8 + 2 + 5 - 6$

11) $6 \div (1^2(3 + 3))$

12) $7 + 10 - (18 + 12) \div 5$

13) $(8 - (10 - 9)) \div (8 - 1)$

14) $(5 + 5 - 2 \times 2) \div 6$

15) $4 \times 8 \div (10 + 4 - 6)$

16) $20 \div 5 + 8 - (4 - 1)$

17) $10 \times 4 - (2 \times 6 - 8)$

18) $16 \div (10 - (9 - 8) \times 6)$

19) $(18 \times 2) \div (8 - 6 + 4)$

20) $6 + 5 - (1 + 7 - 3)$

Order of Operations Four Steps (1) Answers

1) $(7 - 4) \times 2 \div (5 - 3)$

3

2) $((2 + 23 - 7) \times 2) \div 4$

9

3) $((6 - 3) \times 2) \div 3$

2

4) $4 \times 8 + 8(7 - 7)$

32

5) $7 + (28 - (13 - 6)) \div 3$

14

6) $10 - 24 \div 6 + 8 - 5$

9

7) $18 \div (9 - 6)(1 + 2)$

18

8) $5 + 12 \div (2 + 4 - 2)$

8

9) $6 \times 3 + 3^2 - 6$

21

10) $8 \times 8 + 2 + 5 - 6$

65

11) $6 \div (1^2(3 + 3))$

1

12) $7 + 10 - (18 + 12) \div 5$

11

13) $(8 - (10 - 9)) \div (8 - 1)$

1

14) $(5 + 5 - 2 \times 2) \div 6$

1

15) $4 \times 8 \div (10 + 4 - 6)$

4

16) $20 \div 5 + 8 - (4 - 1)$

9

17) $10 \times 4 - (2 \times 6 - 8)$

36

18) $16 \div (10 - (9 - 8) \times 6)$

4

19) $(18 \times 2) \div (8 - 6 + 4)$

6

20) $6 + 5 - (1 + 7 - 3)$

6

Order of Operations Four Steps (2)

1) $8 + 5 + 20 \div 10 + 2$

2) $10 \div (10 - 2^3) + 3$

3) $10 \times 3 \div (4 - (9 - 8))$

4) $(10 + 4 + 4) \div (10 - 8)$

5) $8 - (4 - 3) - (9 - 6)$

6) $10 \times 10 + 1 - (5 + 3)$

7) $(1 + 1 + 6 + 1) \div 3$

8) $((11 - 8) \times 3 \times 3) \div 9$

9) $2 + 3(9 + 2) - 8$

10) $7 \times 3 - (4 \times 2) \div 8$

11) $(8 \times 2) \div 2 - (10 - 4)$

12) $5 + 9 + 10 - (8 - 7)$

13) $4 - 3 + 18 \div 9 \times 9$

14) $3 + 9 \div 3 + 8 + 10$

15) $((12 + 3) \times 3) \div 5$

16) $(10 - 5 + 12 - 7) \div 5$

17) $2 \times 4 \times (1 + 2) \div 3$

18) $5 + (10 - 2) \times 3 + 1$

19) $(15 \times 2) \div (4 + 10 - 8)$

20) $4 \div 4 + 8 - (2 + 6)$

Order of Operations Four Steps (2) Answers

1) $8 + 5 + 20 \div 10 + 2$

17

2) $10 \div (10 - 2^3) + 3$

8

3) $10 \times 3 \div (4 - (9 - 8))$

10

4) $(10 + 4 + 4) \div (10 - 8)$

9

5) $8 - (4 - 3) - (9 - 6)$

4

6) $10 \times 10 + 1 - (5 + 3)$

93

7) $(1 + 1 + 6 + 1) \div 3$

3

8) $((11 - 8) \times 3 \times 3) \div 9$

3

9) $2 + 3(9 + 2) - 8$

27

10) $7 \times 3 - (4 \times 2) \div 8$

20

11) $(8 \times 2) \div 2 - (10 - 4)$

2

12) $5 + 9 + 10 - (8 - 7)$

23

13) $4 - 3 + 18 \div 9 \times 9$

19

14) $3 + 9 \div 3 + 8 + 10$

24

15) $((12 + 3) \times 3) \div 5$

9

16) $(10 - 5 + 12 - 7) \div 5$

2

17) $2 \times 4 \times (1 + 2) \div 3$

8

18) $5 + (10 - 2) \times 3 + 1$

30

19) $(15 \times 2) \div (4 + 10 - 8)$

5

20) $4 \div 4 + 8 - (2 + 6)$

1

Order of Operations Four Steps (3)

1) $(21 - 6 - 3) \div (8 - 2)$

2) $8^2 \div (3 + 5)$

3) $(26 + 1) \div (3(4 - 3))$

4) $3 \div (8 - 6 + 6 - 5)$

5) $4 + 9 - (7 - 6) - 10$

6) $6 \div (8 - 2) + 4 + 3$

7) $6 \times (23 + 4 - 7) \div 10$

8) $3^2 \div (6 + 5 - 2)$

9) $(9 - 4 \times 1^2) \times 6$

10) $6 + 8 - 8 + 8^2$

11) $(6 - 14 \div 7)(5 - 1)$

12) $4 + (9 + 5 - 5) \times 2$

13) $5 + (6 - 4) \times 8 - 7$

14) $7 \times 6 + 5 \div (6 - 1)$

15) $(2 + 5 - 4)(2 + 4)$

16) $9 \times 10 + 20 \div 2 - 3$

17) $(8 - (6 - 5))(7 - 2)$

18) $6(9 + 2 + 4 \div 4)$

19) $10 \times 24 \div 3 \times 1^2$

20) $(10 + 5 + 5 \times 3) \div 10$

Order of Operations Four Steps (3) Answers

1) $(21 - 6 - 3) \div (8 - 2)$

2

2) $8^2 \div (3 + 5)$

8

3) $(26 + 1) \div (3(4 - 3))$

9

4) $3 \div (8 - 6 + 6 - 5)$

1

5) $4 + 9 - (7 - 6) - 10$

2

6) $6 \div (8 - 2) + 4 + 3$

8

7) $6 \times (23 + 4 - 7) \div 10$

12

8) $3^2 \div (6 + 5 - 2)$

1

9) $(9 - 4 \times 1^2) \times 6$

30

10) $6 + 8 - 8 + 8^2$

70

11) $(6 - 14 \div 7)(5 - 1)$

16

12) $4 + (9 + 5 - 5) \times 2$

22

13) $5 + (6 - 4) \times 8 - 7$

14

14) $7 \times 6 + 5 \div (6 - 1)$

43

15) $(2 + 5 - 4)(2 + 4)$

18

16) $9 \times 10 + 20 \div 2 - 3$

97

17) $(8 - (6 - 5))(7 - 2)$

35

18) $6(9 + 2 + 4 \div 4)$

72

19) $10 \times 24 \div 3 \times 1^2$

80

20) $(10 + 5 + 5 \times 3) \div 10$

3

Order of Operations Four Steps (4)

1) $(3 \times 2) \div (5 + 3 - 5)$

2) $(2 + 1) \div (7 - 4) \times 6$

3) $(9 - 1) \times 5 + 3 - 8$

4) $10 - 24 \div (7 + 6 - 10)$

5) $20 \div (1 + 6 + 7 - 4)$

6) $(9 + 1) \times (7 \times 5) \div 7$

7) $7 \times 8 - (4 \div 2 - 1)$

8) $((2 + 5) \times 2) \div 2 - 6$

9) $(6 + 8 - 7 + 2) \times 5$

10) $(1 + 15) \div (8 - (2 - 2))$

11) $(15 \times 2) \div (5 - (9 - 7))$

12) $(8 \div 2)^3 - (1 - 1)$

13) $1 + 9 \times 10 - 1 - 10$

14) $24 \div (8 - 4) + 9 + 6$

15) $1 + 4 \times 5 + 9 - 5$

16) $(3 - 2)^2 \times 9 \times 10$

17) $(30 - 6) \div 6 \times 30 \div 3$

18) $8 + 3 - 2 \div (8 - 6)$

19) $(3^2 - 3)(5 + 10)$

20) $(11 - (5 - 4)) \div (1 + 4)$

Order of Operations Four Steps (4) Answers

1) $(3 \times 2) \div (5 + 3 - 5)$

2

2) $(2 + 1) \div (7 - 4) \times 6$

6

3) $(9 - 1) \times 5 + 3 - 8$

35

4) $10 - 24 \div (7 + 6 - 10)$

2

5) $20 \div (1 + 6 + 7 - 4)$

2

6) $(9 + 1) \times (7 \times 5) \div 7$

50

7) $7 \times 8 - (4 \div 2 - 1)$

55

8) $((2 + 5) \times 2) \div 2 - 6$

1

9) $(6 + 8 - 7 + 2) \times 5$

45

10) $(1 + 15) \div (8 - (2 - 2))$

2

11) $(15 \times 2) \div (5 - (9 - 7))$

10

12) $(8 \div 2)^3 - (1 - 1)$

64

13) $1 + 9 \times 10 - 1 - 10$

80

14) $24 \div (8 - 4) + 9 + 6$

21

15) $1 + 4 \times 5 + 9 - 5$

25

16) $(3 - 2)^2 \times 9 \times 10$

90

17) $(30 - 6) \div 6 \times 30 \div 3$

40

18) $8 + 3 - 2 \div (8 - 6)$

10

19) $(3^2 - 3)(5 + 10)$

90

20) $(11 - (5 - 4)) \div (1 + 4)$

2

Order of Operations Four Steps (5)

1) $8 \times (5 + 11) \div (2 + 6)$

2) $15 \div (7 - 4) - 14 \div 7$

3) $21 \div (4 - 1) + 5 + 9$

4) $(1 + 10 + 14) \div (4 + 1)$

5) $((1 + 1 + 5) \times 3) \div 7$

6) $(19 - (9 - (4 + 4))) \div 2$

7) $5^2 + 4 + 10 - 6$

8) $2 + 7 \times 4 + 7 + 8$

9) $3 \times 6 + 6 + 4 + 10$

10) $5 - 1 - (10 - (7 + 1))$

11) $(6 + 2 + 16) \div 3 - 1$

12) $3 \times 6 - (4 + 14) \div 6$

13) $5 + 2^2 - (10 - 10)$

14) $10 \times 8 + 9 - (1 + 5)$

15) $(20 \times 2) \div (2 + 2)$

16) $10 + 9 + 10 - (8 + 2)$

17) $2 \times 8 \times 1^3 - 9$

18) $(10 - 4)(10 + 3 - 9)$

19) $8 - (10 - (5 + 4)) \times 7$

20) $(13 - 7) \div (9 - (7 - 1))$

Order of Operations Four Steps (5) Answers

1) $8 \times (5 + 11) \div (2 + 6)$

16

2) $15 \div (7 - 4) - 14 \div 7$

3

3) $21 \div (4 - 1) + 5 + 9$

21

4) $(1 + 10 + 14) \div (4 + 1)$

5

5) $((1 + 1 + 5) \times 3) \div 7$

3

6) $(19 - (9 - (4 + 4))) \div 2$

9

7) $5^2 + 4 + 10 - 6$

33

8) $2 + 7 \times 4 + 7 + 8$

45

9) $3 \times 6 + 6 + 4 + 10$

38

10) $5 - 1 - (10 - (7 + 1))$

2

11) $(6 + 2 + 16) \div 3 - 1$

7

12) $3 \times 6 - (4 + 14) \div 6$

15

13) $5 + 2^2 - (10 - 10)$

9

14) $10 \times 8 + 9 - (1 + 5)$

83

15) $(20 \times 2) \div (2 + 2)$

10

16) $10 + 9 + 10 - (8 + 2)$

19

17) $2 \times 8 \times 1^3 - 9$

7

18) $(10 - 4)(10 + 3 - 9)$

24

19) $8 - (10 - (5 + 4)) \times 7$

1

20) $(13 - 7) \div (9 - (7 - 1))$

2

Order of Operations No Parentheses (A)

Instructions: Follow the order of operations to calculate the answers to the questions below.

$$5 + 25 \div 5 =$$

$$18 + 6 \times 7 =$$

$$4 - 24 \div 12 =$$

$$4 + 18 \div 3 - 9 =$$

$$34 - 17 \times 1 + 3 =$$

$$1 + 12 \times 2 \div 3 =$$

$$60 \div 6 \times 3 - 15 =$$

$$10 \times 10 - 5 \times 10 =$$

$$6 + 13 - 8 \times 2 =$$

$$7 + 56 \div 8 - 14 =$$

Order of Operations No Parentheses (A) Answers

Instructions: Follow the order of operations to calculate the answers to the questions below.

$$5 + 25 \div 5 = 10$$

$$18 + 6 \times 7 = 60$$

$$4 - 24 \div 12 = 2$$

$$4 + 18 \div 3 - 9 = 1$$

$$34 - 17 \times 1 + 3 = 20$$

$$1 + 12 \times 2 \div 3 = 9$$

$$60 \div 6 \times 3 - 15 = 15$$

$$10 \times 10 - 5 \times 10 = 50$$

$$6 + 13 - 8 \times 2 = 3$$

$$7 + 56 \div 8 - 14 = 0$$

Order of Operations No Parentheses (B)

Instructions: Follow the order of operations to calculate the answers to the questions below.

$$16 + 15 \div 3 =$$

$$28 - 28 \div 7 =$$

$$9 + 4 \times 5 =$$

$$18 + 6 \times 2 \div 2 =$$

$$32 \div 4 - 2 \times 3 =$$

$$4 \times 3 + 3 \times 4 =$$

$$0 + 0 \times 9 - 0 =$$

$$2 \times 2 + 2 \div 2 =$$

$$7 + 63 \div 7 - 9 =$$

$$5 \times 8 \div 10 \times 2 =$$

Order of Operations No Parentheses (B) Answers

Instructions: Follow the order of operations to calculate the answers to the questions below.

$$16 + 15 \div 3 = 21$$

$$28 - 28 \div 7 = 24$$

$$9 + 4 \times 5 = 29$$

$$18 + 6 \times 2 \div 2 = 24$$

$$32 \div 4 - 2 \times 3 = 2$$

$$4 \times 3 + 3 \times 4 = 24$$

$$0 + 0 \times 9 - 0 = 0$$

$$2 \times 2 + 2 \div 2 = 5$$

$$7 + 63 \div 7 - 9 = 7$$

$$5 \times 8 \div 10 \times 2 = 8$$

Order of Operations (A)

$$8 + 1 \times 5$$

$$12 + 7 \times 3$$

$$1 + 2 \times 6$$

$$11 + 1 \times 7$$

$$10 \times 3 + 7$$

Order of Operations (A) Answers

$$8 + 1 \times 5$$

$$8 + 5$$

$$13$$

$$12 + 7 \times 3$$

$$12 + 21$$

$$33$$

$$1 + 2 \times 6$$

$$1 + 12$$

$$13$$

$$11 + 1 \times 7$$

$$11 + 7$$

$$18$$

$$10 \times 3 + 7$$

$$30 + 7$$

$$37$$

Order of Operations (B)

$$8 + 6 \times 2$$

$$7 \times 7 + 1$$

$$7 \times 9 + 1$$

$$11 + 11 \times 11$$

$$7 \times 9 + 9$$

Order of Operations (B) Answers

$$8 + 6 \times 2$$

$$8 + 12$$

$$20$$

$$7 \times 7 + 1$$

$$49 + 1$$

$$50$$

$$7 \times 9 + 1$$

$$63 + 1$$

$$64$$

$$11 + 11 \times 11$$

$$11 + 121$$

$$132$$

$$7 \times 9 + 9$$

$$63 + 9$$

$$72$$

Order of Operations (C)

$$5 \times 6 + 2$$

$$9 + 6 \times 4$$

$$2 \times 8 + 11$$

$$11 + 1 \times 8$$

$$7 + 12 \times 7$$

Order of Operations (C) Answers

$$5 \times 6 + 2$$

$$30 + 2$$

$$32$$

$$9 + 6 \times 4$$

$$9 + 24$$

$$33$$

$$2 \times 8 + 11$$

$$16 + 11$$

$$27$$

$$11 + 1 \times 8$$

$$11 + 8$$

$$19$$

$$7 + 12 \times 7$$

$$7 + 84$$

$$91$$

Order of Operations (D)

$$1 + 6 \times 8$$

$$4 + 3 \times 5$$

$$7 + 6 \times 5$$

$$7 \times 5 + 5$$

$$8 + 12 \times 6$$

Order of Operations (D) Answers

$$1 + 6 \times 8$$

$$1 + 48$$

$$49$$

$$4 + 3 \times 5$$

$$4 + 15$$

$$19$$

$$7 + 6 \times 5$$

$$7 + 30$$

$$37$$

$$7 \times 5 + 5$$

$$35 + 5$$

$$40$$

$$8 + 12 \times 6$$

$$8 + 72$$

$$80$$

Order of Operations (E)

$$5 \times 10 + 12$$

$$5 + 11 \times 1$$

$$3 + 7 \times 1$$

$$10 + 2 \times 11$$

$$6 + 5 \times 5$$

Order of Operations (E) Answers

$$5 \times 10 + 12$$

$$50 + 12$$

$$62$$

$$5 + 11 \times 1$$

$$5 + 11$$

$$16$$

$$3 + 7 \times 1$$

$$3 + 7$$

$$10$$

$$10 + 2 \times 11$$

$$10 + 22$$

$$32$$

$$6 + 5 \times 5$$

$$6 + 25$$

$$31$$

Order of Operations (F)

$$9 + 6 \times 11$$

$$8 + 10 \times 1$$

$$3 + 1 \times 8$$

$$3 + 12 \times 4$$

$$5 + 1 \times 2$$

Order of Operations (F) Answers

$$9 + 6 \times 11$$

$$9 + 66$$

$$75$$

$$8 + 10 \times 1$$

$$8 + 10$$

$$18$$

$$3 + 1 \times 8$$

$$3 + 8$$

$$11$$

$$3 + 12 \times 4$$

$$3 + 48$$

$$51$$

$$5 + 1 \times 2$$

$$5 + 2$$

$$7$$

Order of Operations (G)

$$6 \times 7 + 9$$

$$2 + 8 \times 10$$

$$4 + 12 \times 12$$

$$5 + 4 \times 6$$

$$6 \times 8 + 10$$

Order of Operations (G) Answers

$$6 \times 7 + 9$$

$$42 + 9$$

$$51$$

$$2 + 8 \times 10$$

$$2 + 80$$

$$82$$

$$4 + 12 \times 12$$

$$4 + 144$$

$$148$$

$$5 + 4 \times 6$$

$$5 + 24$$

$$29$$

$$6 \times 8 + 10$$

$$48 + 10$$

$$58$$

Order of Operations (H)

$$1 + 7 \times 3$$

$$12 \times 11 + 1$$

$$11 \times 10 + 3$$

$$8 \times 8 + 10$$

$$10 \times 3 + 5$$

Order of Operations (H) Answers

$$1 + 7 \times 3$$

$$1 + 21$$

$$22$$

$$12 \times 11 + 1$$

$$132 + 1$$

$$133$$

$$11 \times 10 + 3$$

$$110 + 3$$

$$113$$

$$8 \times 8 + 10$$

$$64 + 10$$

$$74$$

$$10 \times 3 + 5$$

$$30 + 5$$

$$35$$

Order of Operations (I)

$$10 + 3 \times 8$$

$$4 \times 7 + 10$$

$$6 \times 1 + 4$$

$$4 \times 10 + 3$$

$$11 + 6 \times 11$$

Order of Operations (I) Answers

$$10 + 3 \times 8$$

$$10 + 24$$

$$34$$

$$4 \times 7 + 10$$

$$28 + 10$$

$$38$$

$$6 \times 1 + 4$$

$$6 + 4$$

$$10$$

$$4 \times 10 + 3$$

$$40 + 3$$

$$43$$

$$11 + 6 \times 11$$

$$11 + 66$$

$$77$$

Order of Operations (J)

$$4 + 1 \times 1$$

$$12 \times 4 + 7$$

$$6 + 5 \times 9$$

$$7 \times 7 + 4$$

$$8 + 11 \times 9$$

Order of Operations (J) Answers

$$4 + 1 \times 1$$

$$4 + 1$$

$$5$$

$$12 \times 4 + 7$$

$$48 + 7$$

$$55$$

$$6 + 5 \times 9$$

$$6 + 45$$

$$51$$

$$7 \times 7 + 4$$

$$49 + 4$$

$$53$$

$$8 + 11 \times 9$$

$$8 + 99$$

$$107$$

Order of Operations (A)

$$10 \times 4 + 3 + 8 \times 2$$

$$8 \times 9 + 11 \times 7 + 6$$

$$10 + 12 \times 9 + 6 \times 10$$

$$8 \times 1 + 1 \times 12 + 4$$

$$9 \times 9 + 3 + 8 \times 2$$

Order of Operations (A) Answers

$$10 \times 4 + 3 + 8 \times 2$$

$$40 + 3 + 16$$

$$59$$

$$8 \times 9 + 11 \times 7 + 6$$

$$72 + 77 + 6$$

$$155$$

$$10 + 12 \times 9 + 6 \times 10$$

$$10 + 108 + 60$$

$$178$$

$$8 \times 1 + 1 \times 12 + 4$$

$$8 + 12 + 4$$

$$24$$

$$9 \times 9 + 3 + 8 \times 2$$

$$81 + 3 + 16$$

$$100$$

Order of Operations (B)

$$6 + 11 \times 6 + 12 \times 10$$

$$10 \times 7 + 4 + 4 \times 1$$

$$9 \times 6 + 8 \times 2 + 7$$

$$4 \times 7 + 6 \times 6 + 10$$

$$11 \times 2 + 11 \times 3 + 8$$

Order of Operations (B) Answers

$$6 + 11 \times 6 + 12 \times 10$$

$$6 + 66 + 120$$

$$192$$

$$10 \times 7 + 4 + 4 \times 1$$

$$70 + 4 + 4$$

$$78$$

$$9 \times 6 + 8 \times 2 + 7$$

$$54 + 16 + 7$$

$$77$$

$$4 \times 7 + 6 \times 6 + 10$$

$$28 + 36 + 10$$

$$74$$

$$11 \times 2 + 11 \times 3 + 8$$

$$22 + 33 + 8$$

$$63$$

Order of Operations (C)

$$6 + 11 \times 4 + 12 \times 12$$

$$5 + 12 \times 5 + 3 \times 3$$

$$12 \times 10 + 5 \times 5 + 8$$

$$7 + 12 \times 8 + 4 \times 6$$

$$6 + 6 \times 1 + 7 \times 2$$

Order of Operations (C) Answers

$$6 + 11 \times 4 + 12 \times 12$$

$$6 + 44 + 144$$

$$194$$

$$5 + 12 \times 5 + 3 \times 3$$

$$5 + 60 + 9$$

$$74$$

$$12 \times 10 + 5 \times 5 + 8$$

$$120 + 25 + 8$$

$$153$$

$$7 + 12 \times 8 + 4 \times 6$$

$$7 + 96 + 24$$

$$127$$

$$6 + 6 \times 1 + 7 \times 2$$

$$6 + 6 + 14$$

$$26$$

Order of Operations (D)

$$1 \times 3 + 10 + 7 \times 8$$

$$6 \times 9 + 1 \times 8 + 4$$

$$7 + 10 \times 10 + 10 \times 12$$

$$5 + 11 \times 11 + 2 \times 4$$

$$12 \times 9 + 4 \times 9 + 6$$

Order of Operations (D) Answers

$$1 \times 3 + 10 + 7 \times 8$$

$$3 + 10 + 56$$

$$69$$

$$6 \times 9 + 1 \times 8 + 4$$

$$54 + 8 + 4$$

$$66$$

$$7 + 10 \times 10 + 10 \times 12$$

$$7 + 100 + 120$$

$$227$$

$$5 + 11 \times 11 + 2 \times 4$$

$$5 + 121 + 8$$

$$134$$

$$12 \times 9 + 4 \times 9 + 6$$

$$108 + 36 + 6$$

$$150$$

Order of Operations (E)

$$2 \times 11 + 10 + 7 \times 9$$

$$3 \times 11 + 4 \times 4 + 12$$

$$2 \times 9 + 9 + 8 \times 10$$

$$6 + 4 \times 11 + 11 \times 6$$

$$5 \times 5 + 5 + 3 \times 5$$

Order of Operations (E) Answers

$$2 \times 11 + 10 + 7 \times 9$$

$$22 + 10 + 63$$

$$95$$

$$3 \times 11 + 4 \times 4 + 12$$

$$33 + 16 + 12$$

$$61$$

$$2 \times 9 + 9 + 8 \times 10$$

$$18 + 9 + 80$$

$$107$$

$$6 + 4 \times 11 + 11 \times 6$$

$$6 + 44 + 66$$

$$116$$

$$5 \times 5 + 5 + 3 \times 5$$

$$25 + 5 + 15$$

$$45$$

Order of Operations (F)

$$2 \times 2 + 10 \times 3 + 7$$

$$7 \times 11 + 6 + 4 \times 12$$

$$7 \times 11 + 6 + 6 \times 10$$

$$4 + 1 \times 11 + 12 \times 3$$

$$11 \times 6 + 3 \times 2 + 11$$

Order of Operations (F) Answers

$$2 \times 2 + 10 \times 3 + 7$$

$$4 + 30 + 7$$

$$41$$

$$7 \times 11 + 6 + 4 \times 12$$

$$77 + 6 + 48$$

$$131$$

$$7 \times 11 + 6 + 6 \times 10$$

$$77 + 6 + 60$$

$$143$$

$$4 + 1 \times 11 + 12 \times 3$$

$$4 + 11 + 36$$

$$51$$

$$11 \times 6 + 3 \times 2 + 11$$

$$66 + 6 + 11$$

$$83$$

Order of Operations (G)

$$8 \times 10 + 4 + 4 \times 4$$

$$6 \times 5 + 1 + 6 \times 9$$

$$2 + 4 \times 11 + 3 \times 2$$

$$12 \times 2 + 4 \times 1 + 4$$

$$4 \times 4 + 7 + 12 \times 12$$

Order of Operations (G) Answers

$$8 \times 10 + 4 + 4 \times 4$$

$$80 + 4 + 16$$

$$100$$

$$6 \times 5 + 1 + 6 \times 9$$

$$30 + 1 + 54$$

$$85$$

$$2 + 4 \times 11 + 3 \times 2$$

$$2 + 44 + 6$$

$$52$$

$$12 \times 2 + 4 \times 1 + 4$$

$$24 + 4 + 4$$

$$32$$

$$4 \times 4 + 7 + 12 \times 12$$

$$16 + 7 + 144$$

$$167$$

Order of Operations (H)

$$7 + 10 \times 7 + 5 \times 9$$

$$11 \times 3 + 3 \times 2 + 7$$

$$11 \times 1 + 4 \times 2 + 10$$

$$2 \times 7 + 1 \times 12 + 11$$

$$3 + 1 \times 9 + 12 \times 2$$

Order of Operations (H) Answers

$$7 + 10 \times 7 + 5 \times 9$$

$$7 + 70 + 45$$

$$122$$

$$11 \times 3 + 3 \times 2 + 7$$

$$33 + 6 + 7$$

$$46$$

$$11 \times 1 + 4 \times 2 + 10$$

$$11 + 8 + 10$$

$$29$$

$$2 \times 7 + 1 \times 12 + 11$$

$$14 + 12 + 11$$

$$37$$

$$3 + 1 \times 9 + 12 \times 2$$

$$3 + 9 + 24$$

$$36$$

Order of Operations (I)

$$6 \times 7 + 12 + 10 \times 6$$

$$8 \times 7 + 2 \times 12 + 1$$

$$2 + 9 \times 4 + 10 \times 12$$

$$8 \times 7 + 6 \times 6 + 3$$

$$8 + 12 \times 8 + 4 \times 4$$

Order of Operations (I) Answers

$$6 \times 7 + 12 + 10 \times 6$$

$$42 + 12 + 60$$

$$114$$

$$8 \times 7 + 2 \times 12 + 1$$

$$56 + 24 + 1$$

$$81$$

$$2 + 9 \times 4 + 10 \times 12$$

$$2 + 36 + 120$$

$$158$$

$$8 \times 7 + 6 \times 6 + 3$$

$$56 + 36 + 3$$

$$95$$

$$8 + 12 \times 8 + 4 \times 4$$

$$8 + 96 + 16$$

$$120$$

Order of Operations (J)

$$8 \times 11 + 12 \times 11 + 1$$

$$11 \times 11 + 6 \times 9 + 12$$

$$5 \times 3 + 5 \times 7 + 8$$

$$7 \times 10 + 12 + 8 \times 6$$

$$1 \times 11 + 3 \times 12 + 9$$

Order of Operations (J) Answers

$$8 \times 11 + 12 \times 11 + 1$$
$$88 + 132 + 1$$
$$221$$

$$11 \times 11 + 6 \times 9 + 12$$
$$121 + 54 + 12$$
$$187$$

$$5 \times 3 + 5 \times 7 + 8$$
$$15 + 35 + 8$$
$$58$$

$$7 \times 10 + 12 + 8 \times 6$$
$$70 + 12 + 48$$
$$130$$

$$1 \times 11 + 3 \times 12 + 9$$
$$11 + 36 + 9$$
$$56$$

Order of Operations (A)

$$3 + 2 \times 5 + 8 \times 2$$

$$10 \times 2 + 6 \times 9 + 3$$

$$9 \times 12 + 5 + 6 \times 1$$

$$12 \times 4 + 3 + 1 \times 1$$

$$9 \times 9 + 11 \times 5 + 4$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (A) Answers

$$3 + 2 \times 5 + 8 \times 2$$

$$3 + 10 + 16$$

$$29$$

$$10 \times 2 + 6 \times 9 + 3$$

$$20 + 54 + 3$$

$$77$$

$$9 \times 12 + 5 + 6 \times 1$$

$$108 + 5 + 6$$

$$119$$

$$12 \times 4 + 3 + 1 \times 1$$

$$48 + 3 + 1$$

$$52$$

$$9 \times 9 + 11 \times 5 + 4$$

$$81 + 55 + 4$$

$$140$$

Order of Operations (B)

$$6 + 7 \times 6 + 6 \times 7$$

$$1 \times 11 + 6 + 12 \times 1$$

$$5 + 11 \times 6 + 3 \times 2$$

$$5 \times 6 + 1 + 12 \times 12$$

$$8 \times 9 + 10 \times 4 + 11$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (B) Answers

$$6 + 7 \times 6 + 6 \times 7$$

$$6 + 42 + 42$$

$$90$$

$$1 \times 11 + 6 + 12 \times 1$$

$$11 + 6 + 12$$

$$29$$

$$5 + 11 \times 6 + 3 \times 2$$

$$5 + 66 + 6$$

$$77$$

$$5 \times 6 + 1 + 12 \times 12$$

$$30 + 1 + 144$$

$$175$$

$$8 \times 9 + 10 \times 4 + 11$$

$$72 + 40 + 11$$

$$123$$

Order of Operations (C)

$$9 + 3 \times 11 + 11 \times 9$$

$$7 \times 7 + 9 + 12 \times 8$$

$$8 + 10 \times 9 + 11 \times 2$$

$$1 + 2 \times 6 + 11 \times 3$$

$$5 \times 1 + 2 + 4 \times 11$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (C) Answers

$$9 + 3 \times 11 + 11 \times 9$$

$$9 + 33 + 99$$

$$141$$

$$7 \times 7 + 9 + 12 \times 8$$

$$49 + 9 + 96$$

$$154$$

$$8 + 10 \times 9 + 11 \times 2$$

$$8 + 90 + 22$$

$$120$$

$$1 + 2 \times 6 + 11 \times 3$$

$$1 + 12 + 33$$

$$46$$

$$5 \times 1 + 2 + 4 \times 11$$

$$5 + 2 + 44$$

$$51$$

Order of Operations (D)

$$3 + 8 \times 9 + 3 \times 8$$

$$9 + 11 \times 11 + 10 \times 9$$

$$9 \times 2 + 9 + 2 \times 8$$

$$6 \times 8 + 12 + 3 \times 9$$

$$3 + 11 \times 4 + 10 \times 3$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (D) Answers

$$3 + 8 \times 9 + 3 \times 8$$

$$3 + 72 + 24$$

$$99$$

$$9 + 11 \times 11 + 10 \times 9$$

$$9 + 121 + 90$$

$$220$$

$$9 \times 2 + 9 + 2 \times 8$$

$$18 + 9 + 16$$

$$43$$

$$6 \times 8 + 12 + 3 \times 9$$

$$48 + 12 + 27$$

$$87$$

$$3 + 11 \times 4 + 10 \times 3$$

$$3 + 44 + 30$$

$$77$$

Order of Operations (E)

$$1 \times 11 + 3 + 7 \times 1$$

$$3 \times 4 + 4 + 7 \times 9$$

$$7 + 5 \times 3 + 10 \times 8$$

$$6 \times 1 + 11 \times 4 + 5$$

$$5 \times 5 + 7 + 10 \times 1$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$1 \times 11 + 3 + 7 \times 1$$

$$11 + 3 + 7$$

$$21$$

$$3 \times 4 + 4 + 7 \times 9$$

$$12 + 4 + 63$$

$$79$$

$$7 + 5 \times 3 + 10 \times 8$$

$$7 + 15 + 80$$

$$102$$

$$6 \times 1 + 11 \times 4 + 5$$

$$6 + 44 + 5$$

$$55$$

$$5 \times 5 + 7 + 10 \times 1$$

$$25 + 7 + 10$$

$$42$$

Order of Operations (F)

$$4 \times 1 + 11 + 6 \times 10$$

$$8 + 7 \times 4 + 6 \times 8$$

$$2 \times 12 + 1 + 8 \times 2$$

$$4 \times 1 + 6 + 2 \times 6$$

$$7 + 12 \times 5 + 6 \times 6$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (F) Answers

$$4 \times 1 + 11 + 6 \times 10$$

$$4 + 11 + 60$$

$$75$$

$$8 + 7 \times 4 + 6 \times 8$$

$$8 + 28 + 48$$

$$84$$

$$2 \times 12 + 1 + 8 \times 2$$

$$24 + 1 + 16$$

$$41$$

$$4 \times 1 + 6 + 2 \times 6$$

$$4 + 6 + 12$$

$$22$$

$$7 + 12 \times 5 + 6 \times 6$$

$$7 + 60 + 36$$

$$103$$

Order of Operations (G)

$$1 + 12 \times 5 + 2 \times 8$$

$$5 \times 4 + 6 \times 11 + 12$$

$$4 + 10 \times 7 + 7 \times 2$$

$$3 \times 12 + 8 + 6 \times 10$$

$$6 \times 9 + 6 \times 6 + 11$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (G) Answers

$$1 + 12 \times 5 + 2 \times 8$$

$$1 + 60 + 16$$

$$77$$

$$5 \times 4 + 6 \times 11 + 12$$

$$20 + 66 + 12$$

$$98$$

$$4 + 10 \times 7 + 7 \times 2$$

$$4 + 70 + 14$$

$$88$$

$$3 \times 12 + 8 + 6 \times 10$$

$$36 + 8 + 60$$

$$104$$

$$6 \times 9 + 6 \times 6 + 11$$

$$54 + 36 + 11$$

$$101$$

Order of Operations (H)

$$3 + 9 \times 7 + 4 \times 9$$

$$1 + 6 \times 9 + 9 \times 3$$

$$11 \times 7 + 1 + 8 \times 7$$

$$1 \times 11 + 1 + 12 \times 7$$

$$6 + 12 \times 3 + 5 \times 8$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (H) Answers

$$3 + 9 \times 7 + 4 \times 9$$

$$3 + 63 + 36$$

$$102$$

$$1 + 6 \times 9 + 9 \times 3$$

$$1 + 54 + 27$$

$$82$$

$$11 \times 7 + 1 + 8 \times 7$$

$$77 + 1 + 56$$

$$134$$

$$1 \times 11 + 1 + 12 \times 7$$

$$11 + 1 + 84$$

$$96$$

$$6 + 12 \times 3 + 5 \times 8$$

$$6 + 36 + 40$$

$$82$$

Order of Operations (I)

$$5 \times 6 + 7 \times 10 + 1$$

$$1 \times 4 + 1 \times 10 + 5$$

$$11 + 7 \times 5 + 1 \times 1$$

$$5 \times 1 + 4 + 6 \times 9$$

$$4 \times 12 + 10 \times 10 + 9$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (I) Answers

$$5 \times 6 + 7 \times 10 + 1$$

$$30 + 70 + 1$$

$$101$$

$$1 \times 4 + 1 \times 10 + 5$$

$$4 + 10 + 5$$

$$19$$

$$11 + 7 \times 5 + 1 \times 1$$

$$11 + 35 + 1$$

$$47$$

$$5 \times 1 + 4 + 6 \times 9$$

$$5 + 4 + 54$$

$$63$$

$$4 \times 12 + 10 \times 10 + 9$$

$$48 + 100 + 9$$

$$157$$

Order of Operations (J)

$$9 \times 3 + 2 \times 10 + 7$$

$$6 + 3 \times 8 + 2 \times 9$$

$$6 + 5 \times 3 + 6 \times 3$$

$$4 \times 4 + 8 \times 9 + 11$$

$$1 \times 11 + 6 + 11 \times 12$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (J) Answers

$$9 \times 3 + 2 \times 10 + 7$$

$$27 + 20 + 7$$

$$54$$

$$6 + 3 \times 8 + 2 \times 9$$

$$6 + 24 + 18$$

$$48$$

$$6 + 5 \times 3 + 6 \times 3$$

$$6 + 15 + 18$$

$$39$$

$$4 \times 4 + 8 \times 9 + 11$$

$$16 + 72 + 11$$

$$99$$

$$1 \times 11 + 6 + 11 \times 12$$

$$11 + 6 + 132$$

$$149$$

Order of Operations (A)

$$6 \times 11 + 11$$

$$11 \times 7 + 12$$

$$12 + 10 \times 3$$

$$5 + 10 \times 12$$

$$2 \times 11 + 9$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (A) Answers

$$6 \times 11 + 11$$

$$66 + 11$$

$$77$$

$$11 \times 7 + 12$$

$$77 + 12$$

$$89$$

$$12 + 10 \times 3$$

$$12 + 30$$

$$42$$

$$5 + 10 \times 12$$

$$5 + 120$$

$$125$$

$$2 \times 11 + 9$$

$$22 + 9$$

$$31$$

Order of Operations (B)

$1 + 4 \times 7$

$10 + 7 \times 2$

$12 + 2 \times 10$

$12 + 2 \times 12$

$12 + 2 \times 12$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (B) Answers

$$1 + 4 \times 7$$

$$1 + 28$$

$$29$$

$$10 + 7 \times 2$$

$$10 + 14$$

$$24$$

$$12 + 2 \times 10$$

$$12 + 20$$

$$32$$

$$12 + 2 \times 12$$

$$12 + 24$$

$$36$$

$$12 + 2 \times 12$$

$$12 + 24$$

$$36$$

Order of Operations (C)

$$3 + 8 \times 10$$

$$12 \times 2 + 4$$

$$10 \times 9 + 7$$

$$4 + 4 \times 5$$

$$5 + 10 \times 2$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (C) Answers

$$3 + 8 \times 10$$

$$3 + 80$$

$$83$$

$$12 \times 2 + 4$$

$$24 + 4$$

$$28$$

$$10 \times 9 + 7$$

$$90 + 7$$

$$97$$

$$4 + 4 \times 5$$

$$4 + 20$$

$$24$$

$$5 + 10 \times 2$$

$$5 + 20$$

$$25$$

Order of Operations (D)

$$10 \times 10 + 1$$

$$3 + 10 \times 10$$

$$4 \times 5 + 8$$

$$3 \times 5 + 6$$

$$1 \times 6 + 9$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (D) Answers

$$10 \times 10 + 1$$

$$100 + 1$$

$$101$$

$$3 + 10 \times 10$$

$$3 + 100$$

$$103$$

$$4 \times 5 + 8$$

$$20 + 8$$

$$28$$

$$3 \times 5 + 6$$

$$15 + 6$$

$$21$$

$$1 \times 6 + 9$$

$$6 + 9$$

$$15$$

Order of Operations (E)

$$5 + 10 \times 10$$

$$4 + 3 \times 7$$

$$5 + 9 \times 10$$

$$11 + 10 \times 6$$

$$6 \times 7 + 1$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$5 + 10 \times 10$$

$$5 + 100$$

$$105$$

$$4 + 3 \times 7$$

$$4 + 21$$

$$25$$

$$5 + 9 \times 10$$

$$5 + 90$$

$$95$$

$$11 + 10 \times 6$$

$$11 + 60$$

$$71$$

$$6 \times 7 + 1$$

$$42 + 1$$

$$43$$

Order of Operations (F)

$$10 \times 7 + 3$$

$$4 + 10 \times 4$$

$$5 \times 2 + 10$$

$$3 \times 10 + 8$$

$$5 + 2 \times 6$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (F) Answers

$$10 \times 7 + 3$$

$$70 + 3$$

$$73$$

$$4 + 10 \times 4$$

$$4 + 40$$

$$44$$

$$5 \times 2 + 10$$

$$10 + 10$$

$$20$$

$$3 \times 10 + 8$$

$$30 + 8$$

$$38$$

$$5 + 2 \times 6$$

$$5 + 12$$

$$17$$

Order of Operations (G)

$$6 \times 6 + 10$$

$$6 \times 8 + 2$$

$$5 \times 1 + 3$$

$$12 + 9 \times 10$$

$$2 + 3 \times 2$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (G) Answers

$$6 \times 6 + 10$$

$$36 + 10$$

$$46$$

$$6 \times 8 + 2$$

$$48 + 2$$

$$50$$

$$5 \times 1 + 3$$

$$5 + 3$$

$$8$$

$$12 + 9 \times 10$$

$$12 + 90$$

$$102$$

$$2 + 3 \times 2$$

$$2 + 6$$

$$8$$

Order of Operations (H)

$$7 \times 6 + 8$$

$$12 \times 2 + 6$$

$$2 + 12 \times 4$$

$$11 \times 4 + 8$$

$$12 + 11 \times 10$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (H) Answers

$$7 \times 6 + 8$$

$$42 + 8$$

$$50$$

$$12 \times 2 + 6$$

$$24 + 6$$

$$30$$

$$2 + 12 \times 4$$

$$2 + 48$$

$$50$$

$$11 \times 4 + 8$$

$$44 + 8$$

$$52$$

$$12 + 11 \times 10$$

$$12 + 110$$

$$122$$

Order of Operations (I)

$1 + 7 \times 6$

$8 \times 7 + 1$

$5 + 11 \times 9$

$3 \times 7 + 7$

$10 + 2 \times 1$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (I) Answers

$$1 + 7 \times 6$$

$$1 + 42$$

$$43$$

$$8 \times 7 + 1$$

$$56 + 1$$

$$57$$

$$5 + 11 \times 9$$

$$5 + 99$$

$$104$$

$$3 \times 7 + 7$$

$$21 + 7$$

$$28$$

$$10 + 2 \times 1$$

$$10 + 2$$

$$12$$

Order of Operations (J)

$$7 + 4 \times 12$$

$$1 \times 6 + 1$$

$$10 + 7 \times 7$$

$$6 + 8 \times 12$$

$$11 + 12 \times 9$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (J) Answers

$$7 + 4 \times 12$$

$$7 + 48$$

$$55$$

$$1 \times 6 + 1$$

$$6 + 1$$

$$7$$

$$10 + 7 \times 7$$

$$10 + 49$$

$$59$$

$$6 + 8 \times 12$$

$$6 + 96$$

$$102$$

$$11 + 12 \times 9$$

$$11 + 108$$

$$119$$

Order of Operations (A)

$$5 \times 1 + 9 + 5 - 1$$

$$10 \times 4 + 12 + 5 - 2$$

$$4 - 1 + 3 + 5 \times 1$$

$$7 + 4 \times 5 + 11 - 3$$

$$3 - 1 + 4 + 1 \times 1$$

Order of Operations (A) Answers

$$5 \times 1 + 9 + 5 - 1$$

$$5 + 9 + 5 - 1$$

$$18$$

$$10 \times 4 + 12 + 5 - 2$$

$$40 + 12 + 5 - 2$$

$$55$$

$$4 - 1 + 3 + 5 \times 1$$

$$4 - 1 + 3 + 5$$

$$11$$

$$7 + 4 \times 5 + 11 - 3$$

$$7 + 20 + 11 - 3$$

$$35$$

$$3 - 1 + 4 + 1 \times 1$$

$$3 - 1 + 4 + 1$$

$$7$$

Order of Operations (B)

$$10 \times 7 + 3 + 9 - 3$$

$$3 \times 4 + 6 - 5 + 9$$

$$11 \times 6 + 7 + 10 - 9$$

$$7 - 5 + 6 + 10 \times 11$$

$$11 \times 4 + 3 - 1 + 7$$

Order of Operations (B) Answers

$$10 \times 7 + 3 + 9 - 3$$

$$70 + 3 + 9 - 3$$

$$79$$

$$3 \times 4 + 6 - 5 + 9$$

$$12 + 6 - 5 + 9$$

$$22$$

$$11 \times 6 + 7 + 10 - 9$$

$$66 + 7 + 10 - 9$$

$$74$$

$$7 - 5 + 6 + 10 \times 11$$

$$7 - 5 + 6 + 110$$

$$118$$

$$11 \times 4 + 3 - 1 + 7$$

$$44 + 3 - 1 + 7$$

$$53$$

Order of Operations (C)

$$10 + 6 - 6 + 2 \times 10$$

$$8 \times 11 + 4 - 2 + 2$$

$$8 - 3 + 6 + 8 \times 12$$

$$2 \times 4 + 10 + 5 - 1$$

$$3 + 11 \times 12 + 7 - 4$$

Order of Operations (C) Answers

$$10 + 6 - 6 + 2 \times 10$$

$$10 + 6 - 6 + 20$$

$$30$$

$$8 \times 11 + 4 - 2 + 2$$

$$88 + 4 - 2 + 2$$

$$92$$

$$8 - 3 + 6 + 8 \times 12$$

$$8 - 3 + 6 + 96$$

$$107$$

$$2 \times 4 + 10 + 5 - 1$$

$$8 + 10 + 5 - 1$$

$$22$$

$$3 + 11 \times 12 + 7 - 4$$

$$3 + 132 + 7 - 4$$

$$138$$

Order of Operations (D)

$$9 \times 3 + 9 + 7 - 3$$

$$1 \times 1 + 10 + 2 - 2$$

$$8 + 9 \times 4 + 3 - 3$$

$$2 + 11 - 2 + 5 \times 6$$

$$2 - 1 + 2 \times 1 + 10$$

Order of Operations (D) Answers

$$9 \times 3 + 9 + 7 - 3$$

$$27 + 9 + 7 - 3$$

$$40$$

$$1 \times 1 + 10 + 2 - 2$$

$$1 + 10 + 2 - 2$$

$$11$$

$$8 + 9 \times 4 + 3 - 3$$

$$8 + 36 + 3 - 3$$

$$44$$

$$2 + 11 - 2 + 5 \times 6$$

$$2 + 11 - 2 + 30$$

$$41$$

$$2 - 1 + 2 \times 1 + 10$$

$$2 - 1 + 2 + 10$$

$$13$$

Order of Operations (E)

$$11 + 9 \times 3 + 5 - 1$$

$$10 - 2 + 9 + 3 \times 5$$

$$10 + 6 - 1 + 8 \times 1$$

$$3 - 3 + 1 + 3 \times 12$$

$$9 + 3 \times 3 + 10 - 1$$

Order of Operations (E) Answers

$$11 + 9 \times 3 + 5 - 1$$

$$11 + 27 + 5 - 1$$

$$42$$

$$10 - 2 + 9 + 3 \times 5$$

$$10 - 2 + 9 + 15$$

$$32$$

$$10 + 6 - 1 + 8 \times 1$$

$$10 + 6 - 1 + 8$$

$$23$$

$$3 - 3 + 1 + 3 \times 12$$

$$3 - 3 + 1 + 36$$

$$37$$

$$9 + 3 \times 3 + 10 - 1$$

$$9 + 9 + 10 - 1$$

$$27$$

Order of Operations (F)

$$10 \times 12 + 1 + 5 - 1$$

$$3 + 6 \times 8 + 6 - 6$$

$$7 \times 4 + 12 + 2 - 2$$

$$11 + 12 - 3 + 9 \times 7$$

$$7 + 2 \times 7 + 7 - 6$$

Order of Operations (F) Answers

$$10 \times 12 + 1 + 5 - 1$$

$$120 + 1 + 5 - 1$$

$$125$$

$$3 + 6 \times 8 + 6 - 6$$

$$3 + 48 + 6 - 6$$

$$51$$

$$7 \times 4 + 12 + 2 - 2$$

$$28 + 12 + 2 - 2$$

$$40$$

$$11 + 12 - 3 + 9 \times 7$$

$$11 + 12 - 3 + 63$$

$$83$$

$$7 + 2 \times 7 + 7 - 6$$

$$7 + 14 + 7 - 6$$

$$22$$

Order of Operations (G)

$$2 + 12 - 4 + 5 \times 7$$

$$5 \times 4 + 11 + 11 - 1$$

$$1 \times 7 + 11 - 11 + 10$$

$$6 + 11 \times 3 + 7 - 4$$

$$3 \times 3 + 8 - 7 + 3$$

Order of Operations (G) Answers

$$2 + 12 - 4 + 5 \times 7$$

$$2 + 12 - 4 + 35$$

45

$$5 \times 4 + 11 + 11 - 1$$

$$20 + 11 + 11 - 1$$

41

$$1 \times 7 + 11 - 11 + 10$$

$$7 + 11 - 11 + 10$$

17

$$6 + 11 \times 3 + 7 - 4$$

$$6 + 33 + 7 - 4$$

42

$$3 \times 3 + 8 - 7 + 3$$

$$9 + 8 - 7 + 3$$

13

Order of Operations (H)

$$5 + 2 \times 1 + 12 - 2$$

$$6 + 2 \times 9 + 9 - 1$$

$$10 - 6 + 11 \times 8 + 8$$

$$12 + 3 \times 9 + 9 - 1$$

$$2 \times 3 + 4 + 2 - 2$$

Order of Operations (H) Answers

$$5 + 2 \times 1 + 12 - 2$$

$$5 + 2 + 12 - 2$$

$$17$$

$$6 + 2 \times 9 + 9 - 1$$

$$6 + 18 + 9 - 1$$

$$32$$

$$10 - 6 + 11 \times 8 + 8$$

$$10 - 6 + 88 + 8$$

$$100$$

$$12 + 3 \times 9 + 9 - 1$$

$$12 + 27 + 9 - 1$$

$$47$$

$$2 \times 3 + 4 + 2 - 2$$

$$6 + 4 + 2 - 2$$

$$10$$

Order of Operations (I)

$$12 + 5 - 4 + 12 \times 2$$

$$2 + 1 - 1 + 10 \times 11$$

$$2 - 1 + 9 \times 1 + 7$$

$$12 - 7 + 4 \times 3 + 2$$

$$7 - 6 + 6 + 6 \times 10$$

Order of Operations (I) Answers

$$12 + 5 - 4 + 12 \times 2$$

$$12 + 5 - 4 + 24$$

$$37$$

$$2 + 1 - 1 + 10 \times 11$$

$$2 + 1 - 1 + 110$$

$$112$$

$$2 - 1 + 9 \times 1 + 7$$

$$2 - 1 + 9 + 7$$

$$17$$

$$12 - 7 + 4 \times 3 + 2$$

$$12 - 7 + 12 + 2$$

$$19$$

$$7 - 6 + 6 + 6 \times 10$$

$$7 - 6 + 6 + 60$$

$$67$$

Order of Operations (J)

$$10 + 6 - 5 + 2 \times 12$$

$$5 + 1 - 1 + 3 \times 2$$

$$3 \times 11 + 9 - 7 + 2$$

$$2 - 1 + 1 \times 5 + 1$$

$$1 \times 10 + 5 + 2 - 2$$

Order of Operations (J) Answers

$$10 + 6 - 5 + 2 \times 12$$

$$10 + 6 - 5 + 24$$

$$35$$

$$5 + 1 - 1 + 3 \times 2$$

$$5 + 1 - 1 + 6$$

$$11$$

$$3 \times 11 + 9 - 7 + 2$$

$$33 + 9 - 7 + 2$$

$$37$$

$$2 - 1 + 1 \times 5 + 1$$

$$2 - 1 + 5 + 1$$

$$7$$

$$1 \times 10 + 5 + 2 - 2$$

$$10 + 5 + 2 - 2$$

$$15$$

Order of Operations (A)

$$3 - 1 + 7 + 9 \times 9 + 9 \times 7$$

$$5 \times 1 + 12 \times 8 + 1 - 1 + 1$$

$$11 \times 6 + 9 \times 11 + 9 + 5 - 1$$

$$5 + 6 \times 10 + 7 \times 1 + 11 - 9$$

$$12 + 11 - 6 + 12 \times 2 + 2 \times 1$$

Order of Operations (A) Answers

$$3 - 1 + 7 + 9 \times 9 + 9 \times 7$$

$$3 - 1 + 7 + 81 + 63$$

$$153$$

$$5 \times 1 + 12 \times 8 + 1 - 1 + 1$$

$$5 + 96 + 1 - 1 + 1$$

$$102$$

$$11 \times 6 + 9 \times 11 + 9 + 5 - 1$$

$$66 + 99 + 9 + 5 - 1$$

$$178$$

$$5 + 6 \times 10 + 7 \times 1 + 11 - 9$$

$$5 + 60 + 7 + 11 - 9$$

$$74$$

$$12 + 11 - 6 + 12 \times 2 + 2 \times 1$$

$$12 + 11 - 6 + 24 + 2$$

$$43$$

Order of Operations (B)

$$3 + 8 \times 4 + 4 - 1 + 11 \times 5$$

$$9 \times 2 + 10 + 3 - 2 + 9 \times 2$$

$$2 - 2 + 10 \times 2 + 12 + 12 \times 5$$

$$6 + 3 - 1 + 7 \times 5 + 1 \times 12$$

$$9 + 12 \times 7 + 9 - 9 + 11 \times 1$$

Order of Operations (B) Answers

$$3 + 8 \times 4 + 4 - 1 + 11 \times 5$$

$$3 + 32 + 4 - 1 + 55$$

93

$$9 \times 2 + 10 + 3 - 2 + 9 \times 2$$

$$18 + 10 + 3 - 2 + 18$$

47

$$2 - 2 + 10 \times 2 + 12 + 12 \times 5$$

$$2 - 2 + 20 + 12 + 60$$

92

$$6 + 3 - 1 + 7 \times 5 + 1 \times 12$$

$$6 + 3 - 1 + 35 + 12$$

55

$$9 + 12 \times 7 + 9 - 9 + 11 \times 1$$

$$9 + 84 + 9 - 9 + 11$$

104

Order of Operations (C)

$$7 - 5 + 12 + 1 \times 12 + 6 \times 6$$

$$9 \times 3 + 6 \times 11 + 2 + 2 - 1$$

$$6 + 3 \times 10 + 8 - 6 + 10 \times 9$$

$$6 - 1 + 6 \times 3 + 3 \times 3 + 3$$

$$3 \times 12 + 2 - 1 + 2 + 2 \times 6$$

Order of Operations (C) Answers

$$7 - 5 + 12 + 1 \times 12 + 6 \times 6$$

$$7 - 5 + 12 + 12 + 36$$

62

$$9 \times 3 + 6 \times 11 + 2 + 2 - 1$$

$$27 + 66 + 2 + 2 - 1$$

96

$$6 + 3 \times 10 + 8 - 6 + 10 \times 9$$

$$6 + 30 + 8 - 6 + 90$$

128

$$6 - 1 + 6 \times 3 + 3 \times 3 + 3$$

$$6 - 1 + 18 + 9 + 3$$

35

$$3 \times 12 + 2 - 1 + 2 + 2 \times 6$$

$$36 + 2 - 1 + 2 + 12$$

51

Order of Operations (D)

$$6 \times 4 + 6 + 5 \times 12 + 1 - 1$$

$$6 - 4 + 3 \times 8 + 11 + 12 \times 10$$

$$12 \times 7 + 12 + 4 - 1 + 2 \times 2$$

$$2 \times 5 + 12 - 6 + 5 \times 5 + 12$$

$$11 - 6 + 7 \times 11 + 8 + 3 \times 6$$

Order of Operations (D) Answers

$$6 \times 4 + 6 + 5 \times 12 + 1 - 1$$

$$24 + 6 + 60 + 1 - 1$$

90

$$6 - 4 + 3 \times 8 + 11 + 12 \times 10$$

$$6 - 4 + 24 + 11 + 120$$

157

$$12 \times 7 + 12 + 4 - 1 + 2 \times 2$$

$$84 + 12 + 4 - 1 + 4$$

103

$$2 \times 5 + 12 - 6 + 5 \times 5 + 12$$

$$10 + 12 - 6 + 25 + 12$$

53

$$11 - 6 + 7 \times 11 + 8 + 3 \times 6$$

$$11 - 6 + 77 + 8 + 18$$

108

Order of Operations (E)

$$6 \times 3 + 9 + 4 \times 3 + 4 - 3$$

$$4 \times 11 + 7 - 6 + 12 \times 11 + 2$$

$$1 - 1 + 2 \times 7 + 10 + 2 \times 12$$

$$10 \times 12 + 3 - 1 + 5 + 12 \times 5$$

$$11 \times 9 + 1 + 11 \times 8 + 5 - 1$$

Order of Operations (E) Answers

$$6 \times 3 + 9 + 4 \times 3 + 4 - 3$$

$$18 + 9 + 12 + 4 - 3$$

40

$$4 \times 11 + 7 - 6 + 12 \times 11 + 2$$

$$44 + 7 - 6 + 132 + 2$$

179

$$1 - 1 + 2 \times 7 + 10 + 2 \times 12$$

$$1 - 1 + 14 + 10 + 24$$

48

$$10 \times 12 + 3 - 1 + 5 + 12 \times 5$$

$$120 + 3 - 1 + 5 + 60$$

187

$$11 \times 9 + 1 + 11 \times 8 + 5 - 1$$

$$99 + 1 + 88 + 5 - 1$$

192

Order of Operations (F)

$$3 - 1 + 4 + 8 \times 9 + 8 \times 9$$

$$1 \times 2 + 10 + 10 \times 7 + 1 - 1$$

$$7 \times 4 + 10 \times 2 + 10 - 9 + 4$$

$$7 \times 1 + 1 + 10 - 9 + 12 \times 8$$

$$1 - 1 + 4 \times 12 + 11 \times 5 + 9$$

Order of Operations (F) Answers

$$3 - 1 + 4 + 8 \times 9 + 8 \times 9$$

$$3 - 1 + 4 + 72 + 72$$

$$150$$

$$1 \times 2 + 10 + 10 \times 7 + 1 - 1$$

$$2 + 10 + 70 + 1 - 1$$

$$82$$

$$7 \times 4 + 10 \times 2 + 10 - 9 + 4$$

$$28 + 20 + 10 - 9 + 4$$

$$53$$

$$7 \times 1 + 1 + 10 - 9 + 12 \times 8$$

$$7 + 1 + 10 - 9 + 96$$

$$105$$

$$1 - 1 + 4 \times 12 + 11 \times 5 + 9$$

$$1 - 1 + 48 + 55 + 9$$

$$112$$

Order of Operations (G)

$$8 + 6 \times 1 + 5 \times 10 + 10 - 4$$

$$9 \times 11 + 11 - 5 + 8 + 10 \times 8$$

$$3 \times 7 + 9 + 5 \times 11 + 2 - 2$$

$$1 \times 7 + 2 \times 6 + 9 - 3 + 3$$

$$9 + 9 - 2 + 10 \times 6 + 3 \times 10$$

Order of Operations (G) Answers

$$8 + 6 \times 1 + 5 \times 10 + 10 - 4$$

$$8 + 6 + 50 + 10 - 4$$

70

$$9 \times 11 + 11 - 5 + 8 + 10 \times 8$$

$$99 + 11 - 5 + 8 + 80$$

193

$$3 \times 7 + 9 + 5 \times 11 + 2 - 2$$

$$21 + 9 + 55 + 2 - 2$$

85

$$1 \times 7 + 2 \times 6 + 9 - 3 + 3$$

$$7 + 12 + 9 - 3 + 3$$

28

$$9 + 9 - 2 + 10 \times 6 + 3 \times 10$$

$$9 + 9 - 2 + 60 + 30$$

106

Order of Operations (H)

$$1 - 1 + 4 \times 3 + 6 + 8 \times 4$$

$$6 \times 2 + 10 - 9 + 1 \times 2 + 6$$

$$6 \times 9 + 2 \times 1 + 1 - 1 + 4$$

$$1 \times 1 + 5 \times 4 + 2 + 11 - 5$$

$$5 \times 10 + 3 \times 5 + 5 - 2 + 3$$

Order of Operations (H) Answers

$$1 - 1 + 4 \times 3 + 6 + 8 \times 4$$

$$1 - 1 + 12 + 6 + 32$$

50

$$6 \times 2 + 10 - 9 + 1 \times 2 + 6$$

$$12 + 10 - 9 + 2 + 6$$

21

$$6 \times 9 + 2 \times 1 + 1 - 1 + 4$$

$$54 + 2 + 1 - 1 + 4$$

60

$$1 \times 1 + 5 \times 4 + 2 + 11 - 5$$

$$1 + 20 + 2 + 11 - 5$$

29

$$5 \times 10 + 3 \times 5 + 5 - 2 + 3$$

$$50 + 15 + 5 - 2 + 3$$

71

Order of Operations (I)

$$4 \times 10 + 2 + 3 - 3 + 12 \times 6$$

$$10 - 5 + 4 \times 12 + 7 + 6 \times 3$$

$$6 \times 2 + 3 - 2 + 9 \times 7 + 1$$

$$8 + 5 - 4 + 1 \times 11 + 12 \times 2$$

$$4 \times 6 + 2 + 8 \times 10 + 12 - 10$$

Order of Operations (I) Answers

$$4 \times 10 + 2 + 3 - 3 + 12 \times 6$$

$$40 + 2 + 3 - 3 + 72$$

114

$$10 - 5 + 4 \times 12 + 7 + 6 \times 3$$

$$10 - 5 + 48 + 7 + 18$$

78

$$6 \times 2 + 3 - 2 + 9 \times 7 + 1$$

$$12 + 3 - 2 + 63 + 1$$

77

$$8 + 5 - 4 + 1 \times 11 + 12 \times 2$$

$$8 + 5 - 4 + 11 + 24$$

44

$$4 \times 6 + 2 + 8 \times 10 + 12 - 10$$

$$24 + 2 + 80 + 12 - 10$$

108

Order of Operations (J)

$$9 \times 9 + 3 + 6 - 1 + 4 \times 12$$

$$10 + 1 \times 8 + 4 - 2 + 1 \times 3$$

$$5 \times 2 + 8 + 6 - 4 + 10 \times 4$$

$$3 + 12 \times 5 + 9 - 7 + 1 \times 1$$

$$4 + 3 - 3 + 6 \times 6 + 10 \times 11$$

Order of Operations (J) Answers

$$9 \times 9 + 3 + 6 - 1 + 4 \times 12$$

$$81 + 3 + 6 - 1 + 48$$

$$137$$

$$10 + 1 \times 8 + 4 - 2 + 1 \times 3$$

$$10 + 8 + 4 - 2 + 3$$

$$23$$

$$5 \times 2 + 8 + 6 - 4 + 10 \times 4$$

$$10 + 8 + 6 - 4 + 40$$

$$60$$

$$3 + 12 \times 5 + 9 - 7 + 1 \times 1$$

$$3 + 60 + 9 - 7 + 1$$

$$66$$

$$4 + 3 - 3 + 6 \times 6 + 10 \times 11$$

$$4 + 3 - 3 + 36 + 110$$

$$150$$

Order of Operations (A)

$$4 - 3 + 1 + 7 \times 5 + 10 \times 9$$

$$5 \times 4 + 10 \times 11 + 3 - 1 + 3$$

$$1 \times 9 + 1 + 8 - 4 + 4 \times 9$$

$$11 + 5 \times 4 + 2 - 2 + 9 \times 4$$

$$8 - 2 + 6 \times 9 + 6 + 10 \times 11$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (A) Answers

$$4 - 3 + 1 + 7 \times 5 + 10 \times 9$$

$$4 - 3 + 1 + 35 + 90$$

$$127$$

$$5 \times 4 + 10 \times 11 + 3 - 1 + 3$$

$$20 + 110 + 3 - 1 + 3$$

$$135$$

$$1 \times 9 + 1 + 8 - 4 + 4 \times 9$$

$$9 + 1 + 8 - 4 + 36$$

$$50$$

$$11 + 5 \times 4 + 2 - 2 + 9 \times 4$$

$$11 + 20 + 2 - 2 + 36$$

$$67$$

$$8 - 2 + 6 \times 9 + 6 + 10 \times 11$$

$$8 - 2 + 54 + 6 + 110$$

$$176$$

Order of Operations (B)

$$1 \times 6 + 6 - 1 + 12 \times 12 + 6$$

$$4 \times 1 + 3 \times 7 + 5 + 9 - 1$$

$$4 + 8 \times 6 + 9 - 3 + 4 \times 12$$

$$4 + 4 - 4 + 8 \times 4 + 3 \times 5$$

$$10 \times 9 + 12 - 12 + 12 \times 11 + 6$$

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (B) Answers

$$1 \times 6 + 6 - 1 + 12 \times 12 + 6$$

$$6 + 6 - 1 + 144 + 6$$

161

$$4 \times 1 + 3 \times 7 + 5 + 9 - 1$$

$$4 + 21 + 5 + 9 - 1$$

38

$$4 + 8 \times 6 + 9 - 3 + 4 \times 12$$

$$4 + 48 + 9 - 3 + 48$$

106

$$4 + 4 - 4 + 8 \times 4 + 3 \times 5$$

$$4 + 4 - 4 + 32 + 15$$

51

$$10 \times 9 + 12 - 12 + 12 \times 11 + 6$$

$$90 + 12 - 12 + 132 + 6$$

228

Order of Operations (C)

$$12 + 8 \times 2 + 8 - 6 + 4 \times 7$$

$$6 + 5 \times 2 + 5 \times 9 + 7 - 7$$

$$1 - 1 + 11 \times 11 + 6 + 3 \times 6$$

$$1 \times 5 + 3 - 3 + 1 \times 7 + 2$$

$$6 + 9 - 4 + 3 \times 6 + 11 \times 3$$

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (C) Answers

$$12 + 8 \times 2 + 8 - 6 + 4 \times 7$$

$$12 + 16 + 8 - 6 + 28$$

58

$$6 + 5 \times 2 + 5 \times 9 + 7 - 7$$

$$6 + 10 + 45 + 7 - 7$$

61

$$1 - 1 + 11 \times 11 + 6 + 3 \times 6$$

$$1 - 1 + 121 + 6 + 18$$

145

$$1 \times 5 + 3 - 3 + 1 \times 7 + 2$$

$$5 + 3 - 3 + 7 + 2$$

14

$$6 + 9 - 4 + 3 \times 6 + 11 \times 3$$

$$6 + 9 - 4 + 18 + 33$$

62

Order of Operations (D)

$$4 \times 9 + 3 \times 10 + 2 + 1 - 1$$

$$8 \times 10 + 10 \times 11 + 5 + 9 - 1$$

$$1 + 4 - 2 + 2 \times 8 + 4 \times 5$$

$$5 - 2 + 7 \times 9 + 9 \times 4 + 10$$

$$1 - 1 + 2 \times 6 + 12 \times 10 + 10$$

Help

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (D) Answers

$$4 \times 9 + 3 \times 10 + 2 + 1 - 1$$

$$36 + 30 + 2 + 1 - 1$$

$$68$$

$$8 \times 10 + 10 \times 11 + 5 + 9 - 1$$

$$80 + 110 + 5 + 9 - 1$$

$$203$$

$$1 + 4 - 2 + 2 \times 8 + 4 \times 5$$

$$1 + 4 - 2 + 16 + 20$$

$$39$$

$$5 - 2 + 7 \times 9 + 9 \times 4 + 10$$

$$5 - 2 + 63 + 36 + 10$$

$$112$$

$$1 - 1 + 2 \times 6 + 12 \times 10 + 10$$

$$1 - 1 + 12 + 120 + 10$$

$$142$$

Order of Operations (E)

$$2 \times 4 + 12 \times 9 + 10 - 2 + 10$$

$$8 \times 11 + 6 \times 1 + 3 + 1 - 1$$

$$9 - 5 + 7 \times 1 + 5 + 3 \times 7$$

$$10 \times 9 + 2 - 2 + 12 \times 5 + 10$$

$$10 + 3 - 3 + 5 \times 5 + 8 \times 11$$

Help

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$2 \times 4 + 12 \times 9 + 10 - 2 + 10$$

$$8 + 108 + 10 - 2 + 10$$

$$134$$

$$8 \times 11 + 6 \times 1 + 3 + 1 - 1$$

$$88 + 6 + 3 + 1 - 1$$

$$97$$

$$9 - 5 + 7 \times 1 + 5 + 3 \times 7$$

$$9 - 5 + 7 + 5 + 21$$

$$37$$

$$10 \times 9 + 2 - 2 + 12 \times 5 + 10$$

$$90 + 2 - 2 + 60 + 10$$

$$160$$

$$10 + 3 - 3 + 5 \times 5 + 8 \times 11$$

$$10 + 3 - 3 + 25 + 88$$

$$123$$

Order of Operations (F)

$$4 \times 9 + 11 \times 7 + 10 - 7 + 8$$

$$9 + 9 \times 6 + 7 \times 10 + 4 - 1$$

$$4 + 7 \times 1 + 9 - 5 + 12 \times 4$$

$$7 \times 11 + 9 + 10 - 1 + 2 \times 5$$

$$11 \times 9 + 6 + 1 - 1 + 6 \times 5$$

Help

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (F) Answers

$$4 \times 9 + 11 \times 7 + 10 - 7 + 8$$

$$36 + 77 + 10 - 7 + 8$$

$$124$$

$$9 + 9 \times 6 + 7 \times 10 + 4 - 1$$

$$9 + 54 + 70 + 4 - 1$$

$$136$$

$$4 + 7 \times 1 + 9 - 5 + 12 \times 4$$

$$4 + 7 + 9 - 5 + 48$$

$$63$$

$$7 \times 11 + 9 + 10 - 1 + 2 \times 5$$

$$77 + 9 + 10 - 1 + 10$$

$$105$$

$$11 \times 9 + 6 + 1 - 1 + 6 \times 5$$

$$99 + 6 + 1 - 1 + 30$$

$$135$$

Order of Operations (G)

$$4 \times 9 + 10 \times 9 + 1 - 1 + 5$$

$$11 - 5 + 10 \times 11 + 5 + 12 \times 11$$

$$11 - 7 + 6 \times 12 + 9 + 4 \times 12$$

$$8 \times 11 + 3 - 1 + 7 \times 3 + 2$$

$$3 + 6 - 1 + 5 \times 3 + 10 \times 10$$

Help

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (G) Answers

$$4 \times 9 + 10 \times 9 + 1 - 1 + 5$$

$$36 + 90 + 1 - 1 + 5$$

$$131$$

$$11 - 5 + 10 \times 11 + 5 + 12 \times 11$$

$$11 - 5 + 110 + 5 + 132$$

$$253$$

$$11 - 7 + 6 \times 12 + 9 + 4 \times 12$$

$$11 - 7 + 72 + 9 + 48$$

$$133$$

$$8 \times 11 + 3 - 1 + 7 \times 3 + 2$$

$$88 + 3 - 1 + 21 + 2$$

$$113$$

$$3 + 6 - 1 + 5 \times 3 + 10 \times 10$$

$$3 + 6 - 1 + 15 + 100$$

$$123$$

Order of Operations (H)

$$12 \times 7 + 10 - 8 + 8 \times 4 + 2$$

$$6 + 9 \times 3 + 1 - 1 + 10 \times 8$$

$$11 \times 5 + 2 - 1 + 11 \times 4 + 6$$

$$5 + 2 \times 3 + 11 - 10 + 7 \times 3$$

$$12 \times 4 + 9 \times 4 + 3 + 4 - 2$$

Help

The order of operations is:

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (H) Answers

$$12 \times 7 + 10 - 8 + 8 \times 4 + 2$$

$$84 + 10 - 8 + 32 + 2$$

120

$$6 + 9 \times 3 + 1 - 1 + 10 \times 8$$

$$6 + 27 + 1 - 1 + 80$$

113

$$11 \times 5 + 2 - 1 + 11 \times 4 + 6$$

$$55 + 2 - 1 + 44 + 6$$

106

$$5 + 2 \times 3 + 11 - 10 + 7 \times 3$$

$$5 + 6 + 11 - 10 + 21$$

33

$$12 \times 4 + 9 \times 4 + 3 + 4 - 2$$

$$48 + 36 + 3 + 4 - 2$$

89

Order of Operations (I)

$$7 - 5 + 2 \times 12 + 7 \times 9 + 2$$

$$2 \times 6 + 5 \times 10 + 11 + 1 - 1$$

$$5 - 3 + 6 \times 4 + 1 + 3 \times 3$$

$$8 \times 12 + 11 - 8 + 5 \times 12 + 11$$

$$7 \times 1 + 7 \times 1 + 12 - 2 + 3$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (I) Answers

$$7 - 5 + 2 \times 12 + 7 \times 9 + 2$$

$$7 - 5 + 24 + 63 + 2$$

91

$$2 \times 6 + 5 \times 10 + 11 + 1 - 1$$

$$12 + 50 + 11 + 1 - 1$$

73

$$5 - 3 + 6 \times 4 + 1 + 3 \times 3$$

$$5 - 3 + 24 + 1 + 9$$

36

$$8 \times 12 + 11 - 8 + 5 \times 12 + 11$$

$$96 + 11 - 8 + 60 + 11$$

170

$$7 \times 1 + 7 \times 1 + 12 - 2 + 3$$

$$7 + 7 + 12 - 2 + 3$$

27

Order of Operations (J)

$$10 + 7 \times 4 + 2 \times 2 + 5 - 2$$

$$11 - 10 + 12 + 4 \times 8 + 6 \times 10$$

$$9 + 11 - 4 + 7 \times 9 + 12 \times 2$$

$$9 \times 7 + 9 \times 6 + 8 - 4 + 7$$

$$11 \times 1 + 2 - 2 + 7 + 3 \times 5$$

Help

The order of operations is:

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Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (J) Answers

$$10 + 7 \times 4 + 2 \times 2 + 5 - 2$$

$$10 + 28 + 4 + 5 - 2$$

45

$$11 - 10 + 12 + 4 \times 8 + 6 \times 10$$

$$11 - 10 + 12 + 32 + 60$$

105

$$9 + 11 - 4 + 7 \times 9 + 12 \times 2$$

$$9 + 11 - 4 + 63 + 24$$

103

$$9 \times 7 + 9 \times 6 + 8 - 4 + 7$$

$$63 + 54 + 8 - 4 + 7$$

128

$$11 \times 1 + 2 - 2 + 7 + 3 \times 5$$

$$11 + 2 - 2 + 7 + 15$$

33

Order of Operations (A)

$$9 - 6 + 7 + 2 \times 10$$

$$6 \times 4 + 8 + 4 - 3$$

$$9 + 11 \times 7 + 11 - 4$$

$$5 - 2 + 9 \times 4 + 5$$

$$7 \times 6 + 1 - 1 + 6$$

Help

The order of operations is:

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (A) Answers

$$9 - 6 + 7 + 2 \times 10$$

$$9 - 6 + 7 + 20$$

30

$$6 \times 4 + 8 + 4 - 3$$

$$24 + 8 + 4 - 3$$

33

$$9 + 11 \times 7 + 11 - 4$$

$$9 + 77 + 11 - 4$$

93

$$5 - 2 + 9 \times 4 + 5$$

$$5 - 2 + 36 + 5$$

44

$$7 \times 6 + 1 - 1 + 6$$

$$42 + 1 - 1 + 6$$

48

Order of Operations (B)

$$10 + 4 \times 9 + 5 - 4$$

$$8 - 5 + 10 \times 1 + 5$$

$$10 + 8 - 6 + 12 \times 2$$

$$2 - 1 + 11 + 9 \times 5$$

$$4 \times 11 + 8 - 5 + 3$$

Help

The order of operations is:

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Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (B) Answers

$$10 + 4 \times 9 + 5 - 4$$

$$10 + 36 + 5 - 4$$

$$47$$

$$8 - 5 + 10 \times 1 + 5$$

$$8 - 5 + 10 + 5$$

$$18$$

$$10 + 8 - 6 + 12 \times 2$$

$$10 + 8 - 6 + 24$$

$$36$$

$$2 - 1 + 11 + 9 \times 5$$

$$2 - 1 + 11 + 45$$

$$57$$

$$4 \times 11 + 8 - 5 + 3$$

$$44 + 8 - 5 + 3$$

$$50$$

Order of Operations (C)

$$12 - 4 + 2 \times 6 + 2$$

$$11 \times 6 + 2 - 1 + 5$$

$$8 \times 9 + 8 - 3 + 5$$

$$1 \times 10 + 12 - 3 + 8$$

$$12 - 10 + 10 + 12 \times 5$$

Help

The order of operations is:

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Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (C) Answers

$$12 - 4 + 2 \times 6 + 2$$

$$12 - 4 + 12 + 2$$

$$22$$

$$11 \times 6 + 2 - 1 + 5$$

$$66 + 2 - 1 + 5$$

$$72$$

$$8 \times 9 + 8 - 3 + 5$$

$$72 + 8 - 3 + 5$$

$$82$$

$$1 \times 10 + 12 - 3 + 8$$

$$10 + 12 - 3 + 8$$

$$27$$

$$12 - 10 + 10 + 12 \times 5$$

$$12 - 10 + 10 + 60$$

$$72$$

Order of Operations (D)

$$11 + 10 \times 8 + 2 - 2$$

$$6 + 2 \times 7 + 10 - 1$$

$$5 + 7 \times 11 + 12 - 8$$

$$8 + 11 \times 4 + 8 - 8$$

$$10 \times 12 + 11 + 9 - 7$$

Help

The order of operations is:

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (D) Answers

$$11 + 10 \times 8 + 2 - 2$$

$$11 + 80 + 2 - 2$$

91

$$6 + 2 \times 7 + 10 - 1$$

$$6 + 14 + 10 - 1$$

29

$$5 + 7 \times 11 + 12 - 8$$

$$5 + 77 + 12 - 8$$

86

$$8 + 11 \times 4 + 8 - 8$$

$$8 + 44 + 8 - 8$$

52

$$10 \times 12 + 11 + 9 - 7$$

$$120 + 11 + 9 - 7$$

133

Order of Operations (E)

$$8 + 6 - 3 + 4 \times 11$$

$$12 + 10 - 7 + 4 \times 1$$

$$1 \times 1 + 6 + 4 - 2$$

$$2 + 3 - 2 + 10 \times 11$$

$$5 \times 8 + 5 + 11 - 9$$

Help

The order of operations is:

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Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$8 + 6 - 3 + 4 \times 11$$

$$8 + 6 - 3 + 44$$

$$55$$

$$12 + 10 - 7 + 4 \times 1$$

$$12 + 10 - 7 + 4$$

$$19$$

$$1 \times 1 + 6 + 4 - 2$$

$$1 + 6 + 4 - 2$$

$$9$$

$$2 + 3 - 2 + 10 \times 11$$

$$2 + 3 - 2 + 110$$

$$113$$

$$5 \times 8 + 5 + 11 - 9$$

$$40 + 5 + 11 - 9$$

$$47$$

Order of Operations (F)

$$1 - 1 + 3 \times 5 + 4$$

$$2 - 2 + 9 \times 2 + 12$$

$$10 - 1 + 1 \times 4 + 3$$

$$6 \times 5 + 9 + 6 - 4$$

$$9 + 9 - 5 + 8 \times 9$$

Help

The order of operations is:

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (F) Answers

$$1 - 1 + 3 \times 5 + 4$$

$$1 - 1 + 15 + 4$$

$$19$$

$$2 - 2 + 9 \times 2 + 12$$

$$2 - 2 + 18 + 12$$

$$30$$

$$10 - 1 + 1 \times 4 + 3$$

$$10 - 1 + 4 + 3$$

$$16$$

$$6 \times 5 + 9 + 6 - 4$$

$$30 + 9 + 6 - 4$$

$$41$$

$$9 + 9 - 5 + 8 \times 9$$

$$9 + 9 - 5 + 72$$

$$85$$

Order of Operations (G)

$$10 + 12 \times 9 + 2 - 1$$

$$1 - 1 + 1 \times 6 + 5$$

$$11 - 10 + 8 + 10 \times 9$$

$$11 + 4 - 3 + 10 \times 8$$

$$11 \times 1 + 12 + 7 - 1$$

Help

The order of operations is:

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (G) Answers

$$10 + 12 \times 9 + 2 - 1$$

$$10 + 108 + 2 - 1$$

$$119$$

$$1 - 1 + 1 \times 6 + 5$$

$$1 - 1 + 6 + 5$$

$$11$$

$$11 - 10 + 8 + 10 \times 9$$

$$11 - 10 + 8 + 90$$

$$99$$

$$11 + 4 - 3 + 10 \times 8$$

$$11 + 4 - 3 + 80$$

$$92$$

$$11 \times 1 + 12 + 7 - 1$$

$$11 + 12 + 7 - 1$$

$$29$$

Order of Operations (H)

$$12 \times 4 + 11 + 7 - 7$$

$$2 \times 8 + 6 - 3 + 2$$

$$2 \times 9 + 9 + 7 - 1$$

$$7 + 8 \times 2 + 5 - 1$$

$$2 - 1 + 3 \times 5 + 7$$

Help

The order of operations is:

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Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (H) Answers

$$12 \times 4 + 11 + 7 - 7$$

$$48 + 11 + 7 - 7$$

59

$$2 \times 8 + 6 - 3 + 2$$

$$16 + 6 - 3 + 2$$

21

$$2 \times 9 + 9 + 7 - 1$$

$$18 + 9 + 7 - 1$$

33

$$7 + 8 \times 2 + 5 - 1$$

$$7 + 16 + 5 - 1$$

27

$$2 - 1 + 3 \times 5 + 7$$

$$2 - 1 + 15 + 7$$

23

Order of Operations (I)

$$8 - 5 + 12 \times 7 + 5$$

$$7 - 1 + 1 + 5 \times 7$$

$$11 + 3 \times 8 + 1 - 1$$

$$6 - 4 + 11 + 12 \times 11$$

$$5 + 2 \times 9 + 3 - 3$$

Help

The order of operations is:

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Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (I) Answers

$$8 - 5 + 12 \times 7 + 5$$

$$8 - 5 + 84 + 5$$

92

$$7 - 1 + 1 + 5 \times 7$$

$$7 - 1 + 1 + 35$$

42

$$11 + 3 \times 8 + 1 - 1$$

$$11 + 24 + 1 - 1$$

35

$$6 - 4 + 11 + 12 \times 11$$

$$6 - 4 + 11 + 132$$

145

$$5 + 2 \times 9 + 3 - 3$$

$$5 + 18 + 3 - 3$$

23

Order of Operations (J)

$$4 + 12 \times 3 + 3 - 2$$

$$2 - 2 + 7 + 7 \times 3$$

$$5 + 12 - 2 + 10 \times 10$$

$$12 - 7 + 7 \times 10 + 11$$

$$10 \times 11 + 11 - 7 + 10$$

Help

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Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (J) Answers

$$4 + 12 \times 3 + 3 - 2$$

$$4 + 36 + 3 - 2$$

41

$$2 - 2 + 7 + 7 \times 3$$

$$2 - 2 + 7 + 21$$

28

$$5 + 12 - 2 + 10 \times 10$$

$$5 + 12 - 2 + 100$$

115

$$12 - 7 + 7 \times 10 + 11$$

$$12 - 7 + 70 + 11$$

86

$$10 \times 11 + 11 - 7 + 10$$

$$110 + 11 - 7 + 10$$

124

Order of Operations (A)

$$3 - 2 + 11 + 8 \times 9 + 21 \div 3$$

$$11 + 132 \div 11 + 7 - 4 + 7 \times 10$$

$$12 - 1 + 33 \div 3 + 7 \times 11 + 8$$

$$5 + 7 - 6 + 1 \div 1 + 11 \times 3$$

$$3 + 2 \times 1 + 88 \div 8 + 2 - 1$$

Order of Operations (A) Answers

$$3 - 2 + 11 + 8 \times 9 + 21 \div 3$$

$$3 - 2 + 11 + 72 + 7$$

91

$$11 + 132 \div 11 + 7 - 4 + 7 \times 10$$

$$11 + 12 + 7 - 4 + 70$$

96

$$12 - 1 + 33 \div 3 + 7 \times 11 + 8$$

$$12 - 1 + 11 + 77 + 8$$

107

$$5 + 7 - 6 + 1 \div 1 + 11 \times 3$$

$$5 + 7 - 6 + 1 + 33$$

40

$$3 + 2 \times 1 + 88 \div 8 + 2 - 1$$

$$3 + 2 + 11 + 2 - 1$$

17

Order of Operations (B)

$$3 - 1 + 7 + 3 \times 8 + 55 \div 11$$

$$9 - 1 + 77 \div 7 + 3 + 12 \times 4$$

$$6 + 88 \div 8 + 12 - 4 + 1 \times 6$$

$$12 + 32 \div 8 + 8 \times 11 + 5 - 2$$

$$6 \times 6 + 1 - 1 + 56 \div 7 + 3$$

Order of Operations (B) Answers

$$3 - 1 + 7 + 3 \times 8 + 55 \div 11$$

$$3 - 1 + 7 + 24 + 5$$

38

$$9 - 1 + 77 \div 7 + 3 + 12 \times 4$$

$$9 - 1 + 11 + 3 + 48$$

70

$$6 + 88 \div 8 + 12 - 4 + 1 \times 6$$

$$6 + 11 + 12 - 4 + 6$$

31

$$12 + 32 \div 8 + 8 \times 11 + 5 - 2$$

$$12 + 4 + 88 + 5 - 2$$

107

$$6 \times 6 + 1 - 1 + 56 \div 7 + 3$$

$$36 + 1 - 1 + 8 + 3$$

47

Order of Operations (C)

$$1 - 1 + 27 \div 3 + 12 \times 5 + 12$$

$$12 + 10 \div 1 + 5 - 1 + 1 \times 6$$

$$8 \times 8 + 60 \div 6 + 4 + 12 - 2$$

$$10 + 4 - 1 + 9 \times 5 + 5 \div 5$$

$$6 + 9 \div 3 + 2 \times 9 + 11 - 8$$

Order of Operations (C) Answers

$$1 - 1 + 27 \div 3 + 12 \times 5 + 12$$

$$1 - 1 + 9 + 60 + 12$$

81

$$12 + 10 \div 1 + 5 - 1 + 1 \times 6$$

$$12 + 10 + 5 - 1 + 6$$

32

$$8 \times 8 + 60 \div 6 + 4 + 12 - 2$$

$$64 + 10 + 4 + 12 - 2$$

88

$$10 + 4 - 1 + 9 \times 5 + 5 \div 5$$

$$10 + 4 - 1 + 45 + 1$$

59

$$6 + 9 \div 3 + 2 \times 9 + 11 - 8$$

$$6 + 3 + 18 + 11 - 8$$

30

Order of Operations (D)

$$1 \times 4 + 40 \div 10 + 8 + 8 - 8$$

$$10 - 6 + 60 \div 5 + 10 + 3 \times 11$$

$$11 \times 8 + 7 + 36 \div 12 + 11 - 7$$

$$8 - 2 + 10 \times 5 + 16 \div 8 + 9$$

$$3 + 7 - 7 + 24 \div 4 + 12 \times 3$$

Order of Operations (D) Answers

$$1 \times 4 + 40 \div 10 + 8 + 8 - 8$$

$$4 + 4 + 8 + 8 - 8$$

16

$$10 - 6 + 60 \div 5 + 10 + 3 \times 11$$

$$10 - 6 + 12 + 10 + 33$$

59

$$11 \times 8 + 7 + 36 \div 12 + 11 - 7$$

$$88 + 7 + 3 + 11 - 7$$

102

$$8 - 2 + 10 \times 5 + 16 \div 8 + 9$$

$$8 - 2 + 50 + 2 + 9$$

67

$$3 + 7 - 7 + 24 \div 4 + 12 \times 3$$

$$3 + 7 - 7 + 6 + 36$$

45

Order of Operations (E)

$$80 \div 10 + 6 - 1 + 10 + 9 \times 3$$

$$12 - 3 + 1 + 7 \times 6 + 36 \div 12$$

$$4 \times 10 + 1 + 9 - 7 + 144 \div 12$$

$$7 \times 11 + 54 \div 6 + 5 + 10 - 3$$

$$11 - 5 + 60 \div 12 + 2 \times 12 + 7$$

Order of Operations (E) Answers

$$80 \div 10 + 6 - 1 + 10 + 9 \times 3$$

$$8 + 6 - 1 + 10 + 27$$

50

$$12 - 3 + 1 + 7 \times 6 + 36 \div 12$$

$$12 - 3 + 1 + 42 + 3$$

55

$$4 \times 10 + 1 + 9 - 7 + 144 \div 12$$

$$40 + 1 + 9 - 7 + 12$$

55

$$7 \times 11 + 54 \div 6 + 5 + 10 - 3$$

$$77 + 9 + 5 + 10 - 3$$

98

$$11 - 5 + 60 \div 12 + 2 \times 12 + 7$$

$$11 - 5 + 5 + 24 + 7$$

42

Order of Operations (F)

$$4 + 10 - 10 + 24 \div 8 + 1 \times 8$$

$$10 \div 2 + 6 - 5 + 5 \times 2 + 2$$

$$9 \times 5 + 10 - 2 + 14 \div 7 + 1$$

$$9 \times 11 + 9 + 40 \div 4 + 9 - 3$$

$$4 - 3 + 10 \div 5 + 1 \times 9 + 2$$

Order of Operations (F) Answers

$$4 + 10 - 10 + 24 \div 8 + 1 \times 8$$

$$4 + 10 - 10 + 3 + 8$$

15

$$10 \div 2 + 6 - 5 + 5 \times 2 + 2$$

$$5 + 6 - 5 + 10 + 2$$

18

$$9 \times 5 + 10 - 2 + 14 \div 7 + 1$$

$$45 + 10 - 2 + 2 + 1$$

56

$$9 \times 11 + 9 + 40 \div 4 + 9 - 3$$

$$99 + 9 + 10 + 9 - 3$$

124

$$4 - 3 + 10 \div 5 + 1 \times 9 + 2$$

$$4 - 3 + 2 + 9 + 2$$

14

Order of Operations (G)

$$12 + 7 - 7 + 84 \div 7 + 4 \times 11$$

$$2 + 4 - 2 + 8 \times 1 + 14 \div 2$$

$$2 \times 10 + 21 \div 7 + 9 + 11 - 3$$

$$7 + 8 - 7 + 8 \div 2 + 8 \times 3$$

$$12 - 8 + 32 \div 4 + 9 + 3 \times 5$$

Order of Operations (G) Answers

$$12 + 7 - 7 + 84 \div 7 + 4 \times 11$$

$$12 + 7 - 7 + 12 + 44$$

68

$$2 + 4 - 2 + 8 \times 1 + 14 \div 2$$

$$2 + 4 - 2 + 8 + 7$$

19

$$2 \times 10 + 21 \div 7 + 9 + 11 - 3$$

$$20 + 3 + 9 + 11 - 3$$

40

$$7 + 8 - 7 + 8 \div 2 + 8 \times 3$$

$$7 + 8 - 7 + 4 + 24$$

36

$$12 - 8 + 32 \div 4 + 9 + 3 \times 5$$

$$12 - 8 + 8 + 9 + 15$$

36

Order of Operations (H)

$$36 \div 9 + 2 + 1 \times 9 + 6 - 5$$

$$7 + 20 \div 4 + 2 - 2 + 10 \times 2$$

$$6 + 7 - 1 + 3 \times 6 + 40 \div 8$$

$$18 \div 6 + 7 + 11 \times 3 + 6 - 6$$

$$5 - 1 + 9 + 7 \times 12 + 12 \div 3$$

Order of Operations (H) Answers

$$36 \div 9 + 2 + 1 \times 9 + 6 - 5$$

$$4 + 2 + 9 + 6 - 5$$

$$16$$

$$7 + 20 \div 4 + 2 - 2 + 10 \times 2$$

$$7 + 5 + 2 - 2 + 20$$

$$32$$

$$6 + 7 - 1 + 3 \times 6 + 40 \div 8$$

$$6 + 7 - 1 + 18 + 5$$

$$35$$

$$18 \div 6 + 7 + 11 \times 3 + 6 - 6$$

$$3 + 7 + 33 + 6 - 6$$

$$43$$

$$5 - 1 + 9 + 7 \times 12 + 12 \div 3$$

$$5 - 1 + 9 + 84 + 4$$

$$101$$

Order of Operations (I)

$$8 - 8 + 44 \div 11 + 7 + 4 \times 2$$

$$11 + 11 - 6 + 3 \div 3 + 12 \times 12$$

$$8 + 11 - 9 + 12 \div 3 + 6 \times 9$$

$$12 \times 11 + 6 + 10 - 7 + 2 \div 1$$

$$1 \times 1 + 48 \div 12 + 2 + 11 - 3$$

Order of Operations (I) Answers

$$8 - 8 + 44 \div 11 + 7 + 4 \times 2$$

$$8 - 8 + 4 + 7 + 8$$

19

$$11 + 11 - 6 + 3 \div 3 + 12 \times 12$$

$$11 + 11 - 6 + 1 + 144$$

161

$$8 + 11 - 9 + 12 \div 3 + 6 \times 9$$

$$8 + 11 - 9 + 4 + 54$$

68

$$12 \times 11 + 6 + 10 - 7 + 2 \div 1$$

$$132 + 6 + 10 - 7 + 2$$

143

$$1 \times 1 + 48 \div 12 + 2 + 11 - 3$$

$$1 + 4 + 2 + 11 - 3$$

15

Order of Operations (J)

$$11 - 2 + 110 \div 11 + 12 \times 6 + 12$$

$$4 + 4 - 1 + 8 \div 2 + 10 \times 1$$

$$6 + 2 - 2 + 54 \div 9 + 7 \times 2$$

$$12 - 11 + 99 \div 9 + 5 \times 5 + 5$$

$$5 - 1 + 5 \times 8 + 25 \div 5 + 8$$

Order of Operations (J) Answers

$$11 - 2 + 110 \div 11 + 12 \times 6 + 12$$

$$11 - 2 + 10 + 72 + 12$$

103

$$4 + 4 - 1 + 8 \div 2 + 10 \times 1$$

$$4 + 4 - 1 + 4 + 10$$

21

$$6 + 2 - 2 + 54 \div 9 + 7 \times 2$$

$$6 + 2 - 2 + 6 + 14$$

26

$$12 - 11 + 99 \div 9 + 5 \times 5 + 5$$

$$12 - 11 + 11 + 25 + 5$$

42

$$5 - 1 + 5 \times 8 + 25 \div 5 + 8$$

$$5 - 1 + 40 + 5 + 8$$

57

Order of Operations (A)

$$1 - 1 + 20 \div 5 + 55 \div 11 + 12 + 7 \times 10 + 10 \times 11$$

$$10 \times 3 + 96 \div 12 + 6 \times 10 + 18 \div 9 + 4 + 2 - 2$$

$$72 \div 8 + 5 \times 4 + 2 + 50 \div 10 + 9 \times 4 + 2 - 1$$

$$63 \div 7 + 121 \div 11 + 6 - 4 + 9 \times 10 + 2 + 8 \times 4$$

$$24 \div 12 + 10 \times 6 + 6 + 5 - 1 + 3 \times 2 + 10 \div 1$$

Order of Operations (A) Answers

$$1 - 1 + 20 \div 5 + 55 \div 11 + 12 + 7 \times 10 + 10 \times 11$$

$$1 - 1 + 4 + 5 + 12 + 70 + 110$$

201

$$10 \times 3 + 96 \div 12 + 6 \times 10 + 18 \div 9 + 4 + 2 - 2$$

$$30 + 8 + 60 + 2 + 4 + 2 - 2$$

104

$$72 \div 8 + 5 \times 4 + 2 + 50 \div 10 + 9 \times 4 + 2 - 1$$

$$9 + 20 + 2 + 5 + 36 + 2 - 1$$

73

$$63 \div 7 + 121 \div 11 + 6 - 4 + 9 \times 10 + 2 + 8 \times 4$$

$$9 + 11 + 6 - 4 + 90 + 2 + 32$$

146

$$24 \div 12 + 10 \times 6 + 6 + 5 - 1 + 3 \times 2 + 10 \div 1$$

$$2 + 60 + 6 + 5 - 1 + 6 + 10$$

88

Order of Operations (B)

$$2 \div 1 + 12 \div 4 + 4 - 3 + 5 + 5 \times 5 + 1 \times 1$$

$$4 \times 6 + 3 + 12 \div 3 + 3 - 1 + 30 \div 5 + 4 \times 10$$

$$1 \times 8 + 9 - 9 + 9 \times 3 + 6 + 60 \div 5 + 70 \div 7$$

$$2 \times 8 + 10 - 3 + 12 + 11 \times 6 + 88 \div 8 + 99 \div 11$$

$$2 \times 4 + 11 \times 4 + 132 \div 12 + 4 + 7 \div 1 + 3 - 1$$

Order of Operations (B) Answers

$$2 \div 1 + 12 \div 4 + 4 - 3 + 5 + 5 \times 5 + 1 \times 1$$

$$2 + 3 + 4 - 3 + 5 + 25 + 1$$

37

$$4 \times 6 + 3 + 12 \div 3 + 3 - 1 + 30 \div 5 + 4 \times 10$$

$$24 + 3 + 4 + 3 - 1 + 6 + 40$$

79

$$1 \times 8 + 9 - 9 + 9 \times 3 + 6 + 60 \div 5 + 70 \div 7$$

$$8 + 9 - 9 + 27 + 6 + 12 + 10$$

63

$$2 \times 8 + 10 - 3 + 12 + 11 \times 6 + 88 \div 8 + 99 \div 11$$

$$16 + 10 - 3 + 12 + 66 + 11 + 9$$

121

$$2 \times 4 + 11 \times 4 + 132 \div 12 + 4 + 7 \div 1 + 3 - 1$$

$$8 + 44 + 11 + 4 + 7 + 3 - 1$$

76

Order of Operations (C)

$$3 + 4 \times 9 + 2 \div 1 + 1 - 1 + 20 \div 2 + 7 \times 8$$

$$5 + 11 \times 7 + 32 \div 4 + 10 \times 9 + 32 \div 8 + 4 - 4$$

$$6 \times 12 + 3 + 8 - 4 + 77 \div 7 + 1 \times 5 + 54 \div 6$$

$$6 - 5 + 72 \div 9 + 24 \div 8 + 4 \times 1 + 10 \times 1 + 5$$

$$120 \div 10 + 12 \times 9 + 48 \div 8 + 6 - 2 + 11 + 12 \times 1$$

Order of Operations (C) Answers

$$3 + 4 \times 9 + 2 \div 1 + 1 - 1 + 20 \div 2 + 7 \times 8$$

$$3 + 36 + 2 + 1 - 1 + 10 + 56$$

107

$$5 + 11 \times 7 + 32 \div 4 + 10 \times 9 + 32 \div 8 + 4 - 4$$

$$5 + 77 + 8 + 90 + 4 + 4 - 4$$

184

$$6 \times 12 + 3 + 8 - 4 + 77 \div 7 + 1 \times 5 + 54 \div 6$$

$$72 + 3 + 8 - 4 + 11 + 5 + 9$$

104

$$6 - 5 + 72 \div 9 + 24 \div 8 + 4 \times 1 + 10 \times 1 + 5$$

$$6 - 5 + 8 + 3 + 4 + 10 + 5$$

31

$$120 \div 10 + 12 \times 9 + 48 \div 8 + 6 - 2 + 11 + 12 \times 1$$

$$12 + 108 + 6 + 6 - 2 + 11 + 12$$

153

Order of Operations (D)

$$8 - 1 + 6 \div 6 + 2 \times 2 + 1 + 2 \times 3 + 24 \div 12$$

$$8 \times 11 + 4 - 4 + 14 \div 2 + 35 \div 5 + 8 \times 11 + 7$$

$$10 \times 6 + 6 \times 5 + 12 - 11 + 6 + 27 \div 9 + 55 \div 11$$

$$4 \times 7 + 66 \div 11 + 7 + 40 \div 4 + 2 - 2 + 8 \times 4$$

$$3 \times 6 + 10 + 1 \div 1 + 8 - 3 + 7 \times 9 + 35 \div 5$$

Order of Operations (D) Answers

$$8 - 1 + 6 \div 6 + 2 \times 2 + 1 + 2 \times 3 + 24 \div 12$$

$$8 - 1 + 1 + 4 + 1 + 6 + 2$$

21

$$8 \times 11 + 4 - 4 + 14 \div 2 + 35 \div 5 + 8 \times 11 + 7$$

$$88 + 4 - 4 + 7 + 7 + 88 + 7$$

197

$$10 \times 6 + 6 \times 5 + 12 - 11 + 6 + 27 \div 9 + 55 \div 11$$

$$60 + 30 + 12 - 11 + 6 + 3 + 5$$

105

$$4 \times 7 + 66 \div 11 + 7 + 40 \div 4 + 2 - 2 + 8 \times 4$$

$$28 + 6 + 7 + 10 + 2 - 2 + 32$$

83

$$3 \times 6 + 10 + 1 \div 1 + 8 - 3 + 7 \times 9 + 35 \div 5$$

$$18 + 10 + 1 + 8 - 3 + 63 + 7$$

104

Order of Operations (E)

$$9 \times 1 + 36 \div 6 + 1 - 1 + 4 \times 11 + 6 + 48 \div 12$$

$$8 - 3 + 77 \div 11 + 33 \div 11 + 12 \times 8 + 1 + 7 \times 4$$

$$60 \div 6 + 6 \times 1 + 10 + 1 \times 9 + 48 \div 4 + 6 - 6$$

$$4 \times 4 + 6 \times 7 + 6 - 2 + 56 \div 7 + 5 + 24 \div 12$$

$$90 \div 9 + 8 + 4 \times 3 + 7 \div 1 + 5 - 5 + 10 \times 7$$

Order of Operations (E) Answers

$$9 \times 1 + 36 \div 6 + 1 - 1 + 4 \times 11 + 6 + 48 \div 12$$

$$9 + 6 + 1 - 1 + 44 + 6 + 4$$

69

$$8 - 3 + 77 \div 11 + 33 \div 11 + 12 \times 8 + 1 + 7 \times 4$$

$$8 - 3 + 7 + 3 + 96 + 1 + 28$$

140

$$60 \div 6 + 6 \times 1 + 10 + 1 \times 9 + 48 \div 4 + 6 - 6$$

$$10 + 6 + 10 + 9 + 12 + 6 - 6$$

47

$$4 \times 4 + 6 \times 7 + 6 - 2 + 56 \div 7 + 5 + 24 \div 12$$

$$16 + 42 + 6 - 2 + 8 + 5 + 2$$

77

$$90 \div 9 + 8 + 4 \times 3 + 7 \div 1 + 5 - 5 + 10 \times 7$$

$$10 + 8 + 12 + 7 + 5 - 5 + 70$$

107

Order of Operations (F)

$$10 + 110 \div 10 + 25 \div 5 + 12 - 4 + 4 \times 12 + 10 \times 8$$

$$4 \times 4 + 4 + 120 \div 12 + 100 \div 10 + 12 \times 5 + 2 - 1$$

$$4 - 1 + 4 \times 9 + 8 \times 11 + 24 \div 6 + 7 + 22 \div 2$$

$$32 \div 4 + 11 \times 10 + 14 \div 7 + 5 + 1 - 1 + 10 \times 6$$

$$6 \times 4 + 4 \div 4 + 1 + 36 \div 4 + 8 - 2 + 12 \times 11$$

Order of Operations (F) Answers

$$10 + 110 \div 10 + 25 \div 5 + 12 - 4 + 4 \times 12 + 10 \times 8$$

$$10 + 11 + 5 + 12 - 4 + 48 + 80$$

162

$$4 \times 4 + 4 + 120 \div 12 + 100 \div 10 + 12 \times 5 + 2 - 1$$

$$16 + 4 + 10 + 10 + 60 + 2 - 1$$

101

$$4 - 1 + 4 \times 9 + 8 \times 11 + 24 \div 6 + 7 + 22 \div 2$$

$$4 - 1 + 36 + 88 + 4 + 7 + 11$$

149

$$32 \div 4 + 11 \times 10 + 14 \div 7 + 5 + 1 - 1 + 10 \times 6$$

$$8 + 110 + 2 + 5 + 1 - 1 + 60$$

185

$$6 \times 4 + 4 \div 4 + 1 + 36 \div 4 + 8 - 2 + 12 \times 11$$

$$24 + 1 + 1 + 9 + 8 - 2 + 132$$

173

Order of Operations (G)

$$2 - 2 + 30 \div 5 + 11 \times 4 + 5 \times 12 + 8 + 24 \div 4$$

$$7 \div 1 + 7 - 6 + 108 \div 9 + 3 + 1 \times 2 + 12 \times 9$$

$$4 \times 12 + 18 \div 9 + 27 \div 9 + 12 + 4 \times 8 + 2 - 2$$

$$11 + 9 - 3 + 11 \div 1 + 7 \times 11 + 1 \times 6 + 90 \div 9$$

$$63 \div 9 + 8 \times 1 + 4 - 1 + 10 \div 2 + 6 \times 2 + 5$$

Order of Operations (G) Answers

$$2 - 2 + 30 \div 5 + 11 \times 4 + 5 \times 12 + 8 + 24 \div 4$$

$$2 - 2 + 6 + 44 + 60 + 8 + 6$$

124

$$7 \div 1 + 7 - 6 + 108 \div 9 + 3 + 1 \times 2 + 12 \times 9$$

$$7 + 7 - 6 + 12 + 3 + 2 + 108$$

133

$$4 \times 12 + 18 \div 9 + 27 \div 9 + 12 + 4 \times 8 + 2 - 2$$

$$48 + 2 + 3 + 12 + 32 + 2 - 2$$

97

$$11 + 9 - 3 + 11 \div 1 + 7 \times 11 + 1 \times 6 + 90 \div 9$$

$$11 + 9 - 3 + 11 + 77 + 6 + 10$$

121

$$63 \div 9 + 8 \times 1 + 4 - 1 + 10 \div 2 + 6 \times 2 + 5$$

$$7 + 8 + 4 - 1 + 5 + 12 + 5$$

40

Order of Operations (H)

$$1 \times 10 + 22 \div 11 + 10 \times 4 + 11 + 10 - 2 + 21 \div 7$$

$$7 + 3 - 1 + 6 \times 3 + 108 \div 9 + 66 \div 6 + 11 \times 8$$

$$10 \times 6 + 120 \div 12 + 3 \times 4 + 8 + 10 - 5 + 5 \div 1$$

$$3 \times 2 + 6 + 2 - 2 + 2 \div 1 + 30 \div 3 + 2 \times 11$$

$$9 \times 7 + 3 - 1 + 121 \div 11 + 16 \div 8 + 4 \times 11 + 3$$

Order of Operations (H) Answers

$$1 \times 10 + 22 \div 11 + 10 \times 4 + 11 + 10 - 2 + 21 \div 7$$
$$10 + 2 + 40 + 11 + 10 - 2 + 3$$
$$74$$

$$7 + 3 - 1 + 6 \times 3 + 108 \div 9 + 66 \div 6 + 11 \times 8$$
$$7 + 3 - 1 + 18 + 12 + 11 + 88$$
$$138$$

$$10 \times 6 + 120 \div 12 + 3 \times 4 + 8 + 10 - 5 + 5 \div 1$$
$$60 + 10 + 12 + 8 + 10 - 5 + 5$$
$$100$$

$$3 \times 2 + 6 + 2 - 2 + 2 \div 1 + 30 \div 3 + 2 \times 11$$
$$6 + 6 + 2 - 2 + 2 + 10 + 22$$
$$46$$

$$9 \times 7 + 3 - 1 + 121 \div 11 + 16 \div 8 + 4 \times 11 + 3$$
$$63 + 3 - 1 + 11 + 2 + 44 + 3$$
$$125$$

Order of Operations (I)

$$9 \div 1 + 11 \times 6 + 90 \div 9 + 12 + 9 \times 3 + 11 - 2$$

$$6 + 121 \div 11 + 9 - 8 + 7 \times 3 + 7 \times 9 + 32 \div 4$$

$$6 + 36 \div 12 + 54 \div 9 + 10 \times 6 + 7 \times 9 + 3 - 3$$

$$11 \div 1 + 8 \times 4 + 1 - 1 + 9 + 40 \div 10 + 8 \times 3$$

$$49 \div 7 + 2 - 2 + 1 \times 8 + 9 \div 9 + 5 \times 2 + 1$$

Order of Operations (I) Answers

$$9 \div 1 + 11 \times 6 + 90 \div 9 + 12 + 9 \times 3 + 11 - 2$$

$$9 + 66 + 10 + 12 + 27 + 11 - 2$$

133

$$6 + 121 \div 11 + 9 - 8 + 7 \times 3 + 7 \times 9 + 32 \div 4$$

$$6 + 11 + 9 - 8 + 21 + 63 + 8$$

110

$$6 + 36 \div 12 + 54 \div 9 + 10 \times 6 + 7 \times 9 + 3 - 3$$

$$6 + 3 + 6 + 60 + 63 + 3 - 3$$

138

$$11 \div 1 + 8 \times 4 + 1 - 1 + 9 + 40 \div 10 + 8 \times 3$$

$$11 + 32 + 1 - 1 + 9 + 4 + 24$$

80

$$49 \div 7 + 2 - 2 + 1 \times 8 + 9 \div 9 + 5 \times 2 + 1$$

$$7 + 2 - 2 + 8 + 1 + 10 + 1$$

27

Order of Operations (J)

$$4 \div 4 + 108 \div 12 + 9 + 7 \times 11 + 3 \times 5 + 9 - 2$$

$$11 \times 4 + 3 + 2 - 1 + 3 \times 4 + 72 \div 6 + 100 \div 10$$

$$12 \div 2 + 10 \times 8 + 11 + 5 \times 10 + 3 - 2 + 72 \div 9$$

$$70 \div 10 + 90 \div 10 + 12 \times 10 + 10 + 8 \times 1 + 5 - 2$$

$$22 \div 2 + 5 + 8 \times 5 + 12 \times 4 + 7 \div 1 + 3 - 1$$

Order of Operations (J) Answers

$$4 \div 4 + 108 \div 12 + 9 + 7 \times 11 + 3 \times 5 + 9 - 2$$

$$1 + 9 + 9 + 77 + 15 + 9 - 2$$

118

$$11 \times 4 + 3 + 2 - 1 + 3 \times 4 + 72 \div 6 + 100 \div 10$$

$$44 + 3 + 2 - 1 + 12 + 12 + 10$$

82

$$12 \div 2 + 10 \times 8 + 11 + 5 \times 10 + 3 - 2 + 72 \div 9$$

$$6 + 80 + 11 + 50 + 3 - 2 + 8$$

156

$$70 \div 10 + 90 \div 10 + 12 \times 10 + 10 + 8 \times 1 + 5 - 2$$

$$7 + 9 + 120 + 10 + 8 + 5 - 2$$

157

$$22 \div 2 + 5 + 8 \times 5 + 12 \times 4 + 7 \div 1 + 3 - 1$$

$$11 + 5 + 40 + 48 + 7 + 3 - 1$$

113

Order of Operations (A)

$$108 \div 9 + 60 \div 10 + 4 + 2 \times 9 + 8 \times 3 + 3 - 2$$

$$9 \times 7 + 4 + 36 \div 9 + 121 \div 11 + 11 - 3$$

$$11 - 7 + 6 \times 5 + 60 \div 10 + 10 \times 12 + 4$$

$$8 \times 6 + 3 - 1 + 2 + 18 \div 2$$

$$5 \times 1 + 4 + 14 \div 7 + 24 \div 2$$

Order of Operations (A) Answers

$$108 \div 9 + 60 \div 10 + 4 + 2 \times 9 + 8 \times 3 + 3 - 2$$

$$12 + 6 + 4 + 18 + 24 + 3 - 2$$

65

$$9 \times 7 + 4 + 36 \div 9 + 121 \div 11 + 11 - 3$$

$$63 + 4 + 4 + 11 + 11 - 3$$

90

$$11 - 7 + 6 \times 5 + 60 \div 10 + 10 \times 12 + 4$$

$$11 - 7 + 30 + 6 + 120 + 4$$

164

$$8 \times 6 + 3 - 1 + 2 + 18 \div 2$$

$$48 + 3 - 1 + 2 + 9$$

61

$$5 \times 1 + 4 + 14 \div 7 + 24 \div 2$$

$$5 + 4 + 2 + 12$$

23

Order of Operations (B)

$$10 + 4 \times 7$$

$$9 + 2 - 2 + 1 \times 6$$

$$1 + 3 \div 1 + 4 \times 7 + 12 \times 1$$

$$7 - 1 + 8 \times 1 + 4 \times 11 + 36 \div 12 + 1$$

$$2 - 1 + 12 + 1 \times 7$$

Order of Operations (B) Answers

$$10 + 4 \times 7$$

$$10 + 28$$

$$38$$

$$9 + 2 - 2 + 1 \times 6$$

$$9 + 2 - 2 + 6$$

$$15$$

$$1 + 3 \div 1 + 4 \times 7 + 12 \times 1$$

$$1 + 3 + 28 + 12$$

$$44$$

$$7 - 1 + 8 \times 1 + 4 \times 11 + 36 \div 12 + 1$$

$$7 - 1 + 8 + 44 + 3 + 1$$

$$62$$

$$2 - 1 + 12 + 1 \times 7$$

$$2 - 1 + 12 + 7$$

$$20$$

Order of Operations (C)

$$42 \div 7 + 77 \div 7 + 6 \times 7 + 11$$

$$2 \times 11 + 10 \div 2 + 20 \div 5 + 8 \times 3 + 10$$

$$3 - 1 + 18 \div 6 + 6 + 6 \times 10 + 11 \times 10$$

$$8 + 11 \times 11 + 4 \times 8$$

$$1 \times 6 + 11 \times 9 + 8 - 1 + 24 \div 6 + 70 \div 10 + 3$$

Order of Operations (C) Answers

$$42 \div 7 + 77 \div 7 + 6 \times 7 + 11$$

$$6 + 11 + 42 + 11$$

$$70$$

$$2 \times 11 + 10 \div 2 + 20 \div 5 + 8 \times 3 + 10$$

$$22 + 5 + 4 + 24 + 10$$

$$65$$

$$3 - 1 + 18 \div 6 + 6 + 6 \times 10 + 11 \times 10$$

$$3 - 1 + 3 + 6 + 60 + 110$$

$$181$$

$$8 + 11 \times 11 + 4 \times 8$$

$$8 + 121 + 32$$

$$161$$

$$1 \times 6 + 11 \times 9 + 8 - 1 + 24 \div 6 + 70 \div 10 + 3$$

$$6 + 99 + 8 - 1 + 4 + 7 + 3$$

$$126$$

Order of Operations (D)

$$7 + 7 \times 7 + 2 - 1 + 1 \times 8$$

$$9 \times 4 + 1 + 30 \div 10 + 7 \times 3$$

$$9 \times 1 + 10$$

$$6 \times 2 + 2 \times 7 + 4 - 2 + 8 + 33 \div 3$$

$$24 \div 4 + 7 - 4 + 3 \times 1 + 6 + 6 \times 11$$

Order of Operations (D) Answers

$$7 + 7 \times 7 + 2 - 1 + 1 \times 8$$

$$7 + 49 + 2 - 1 + 8$$

65

$$9 \times 4 + 1 + 30 \div 10 + 7 \times 3$$

$$36 + 1 + 3 + 21$$

61

$$9 \times 1 + 10$$

$$9 + 10$$

19

$$6 \times 2 + 2 \times 7 + 4 - 2 + 8 + 33 \div 3$$

$$12 + 14 + 4 - 2 + 8 + 11$$

47

$$24 \div 4 + 7 - 4 + 3 \times 1 + 6 + 6 \times 11$$

$$6 + 7 - 4 + 3 + 6 + 66$$

84

Order of Operations (E)

$$2 \times 6 + 10 \times 10 + 32 \div 8 + 6$$

$$3 \times 5 + 6 \div 2 + 7 + 49 \div 7$$

$$12 \times 9 + 3 \times 10 + 8$$

$$9 \div 9 + 96 \div 8 + 3 \times 2 + 6 \times 1 + 3$$

$$4 \times 11 + 7 - 3 + 1$$

Order of Operations (E) Answers

$$2 \times 6 + 10 \times 10 + 32 \div 8 + 6$$

$$12 + 100 + 4 + 6$$

$$122$$

$$3 \times 5 + 6 \div 2 + 7 + 49 \div 7$$

$$15 + 3 + 7 + 7$$

$$32$$

$$12 \times 9 + 3 \times 10 + 8$$

$$108 + 30 + 8$$

$$146$$

$$9 \div 9 + 96 \div 8 + 3 \times 2 + 6 \times 1 + 3$$

$$1 + 12 + 6 + 6 + 3$$

$$28$$

$$4 \times 11 + 7 - 3 + 1$$

$$44 + 7 - 3 + 1$$

$$49$$

Order of Operations (F)

$$1 + 2 \times 11 + 7 \times 11$$

$$7 \div 1 + 9 - 8 + 6 + 4 \times 11 + 16 \div 2$$

$$6 \times 7 + 10 \div 5 + 8$$

$$1 - 1 + 11 \div 11 + 8 \times 6 + 27 \div 9 + 12 \times 9 + 7$$

$$2 - 2 + 6 + 3 \times 7$$

Order of Operations (F) Answers

$$1 + 2 \times 11 + 7 \times 11$$

$$1 + 22 + 77$$

$$100$$

$$7 \div 1 + 9 - 8 + 6 + 4 \times 11 + 16 \div 2$$

$$7 + 9 - 8 + 6 + 44 + 8$$

$$66$$

$$6 \times 7 + 10 \div 5 + 8$$

$$42 + 2 + 8$$

$$52$$

$$1 - 1 + 11 \div 11 + 8 \times 6 + 27 \div 9 + 12 \times 9 + 7$$

$$1 - 1 + 1 + 48 + 3 + 108 + 7$$

$$167$$

$$2 - 2 + 6 + 3 \times 7$$

$$2 - 2 + 6 + 21$$

$$27$$

Order of Operations (G)

$$7 \times 7 + 48 \div 12 + 72 \div 8 + 1 \times 6 + 5 + 3 - 1$$

$$10 - 3 + 8 + 10 \times 10 + 12 \times 8$$

$$4 \times 9 + 7 + 36 \div 12 + 3 \times 10$$

$$5 \times 5 + 3 \times 11 + 9$$

$$10 + 4 \times 1 + 3 - 2$$

Order of Operations (G) Answers

$$7 \times 7 + 48 \div 12 + 72 \div 8 + 1 \times 6 + 5 + 3 - 1$$

$$49 + 4 + 9 + 6 + 5 + 3 - 1$$

75

$$10 - 3 + 8 + 10 \times 10 + 12 \times 8$$

$$10 - 3 + 8 + 100 + 96$$

211

$$4 \times 9 + 7 + 36 \div 12 + 3 \times 10$$

$$36 + 7 + 3 + 30$$

76

$$5 \times 5 + 3 \times 11 + 9$$

$$25 + 33 + 9$$

67

$$10 + 4 \times 1 + 3 - 2$$

$$10 + 4 + 3 - 2$$

15

Order of Operations (H)

$$8 \times 1 + 3 - 2 + 99 \div 11 + 9 + 11 \times 1$$

$$12 \times 8 + 2 + 8 - 2 + 8 \times 2 + 6 \div 6$$

$$7 + 2 \times 5 + 96 \div 12 + 9 \times 12 + 36 \div 4$$

$$8 \times 9 + 5 \times 7 + 3$$

$$6 \times 1 + 5 - 1 + 6$$

Order of Operations (H) Answers

$$8 \times 1 + 3 - 2 + 99 \div 11 + 9 + 11 \times 1$$

$$8 + 3 - 2 + 9 + 9 + 11$$

$$38$$

$$12 \times 8 + 2 + 8 - 2 + 8 \times 2 + 6 \div 6$$

$$96 + 2 + 8 - 2 + 16 + 1$$

$$121$$

$$7 + 2 \times 5 + 96 \div 12 + 9 \times 12 + 36 \div 4$$

$$7 + 10 + 8 + 108 + 9$$

$$142$$

$$8 \times 9 + 5 \times 7 + 3$$

$$72 + 35 + 3$$

$$110$$

$$6 \times 1 + 5 - 1 + 6$$

$$6 + 5 - 1 + 6$$

$$16$$

Order of Operations (I)

$$11 + 5 \times 10 + 12 - 12 + 8 \times 1 + 24 \div 12$$

$$10 - 8 + 11 \times 4 + 8 \div 8 + 10$$

$$66 \div 11 + 6 \div 6 + 8 + 8 - 6 + 9 \times 12$$

$$9 - 4 + 2 \times 2 + 3$$

$$6 \times 3 + 8 \times 3 + 22 \div 11 + 5$$

Order of Operations (I) Answers

$$11 + 5 \times 10 + 12 - 12 + 8 \times 1 + 24 \div 12$$

$$11 + 50 + 12 - 12 + 8 + 2$$

71

$$10 - 8 + 11 \times 4 + 8 \div 8 + 10$$

$$10 - 8 + 44 + 1 + 10$$

57

$$66 \div 11 + 6 \div 6 + 8 + 8 - 6 + 9 \times 12$$

$$6 + 1 + 8 + 8 - 6 + 108$$

125

$$9 - 4 + 2 \times 2 + 3$$

$$9 - 4 + 4 + 3$$

12

$$6 \times 3 + 8 \times 3 + 22 \div 11 + 5$$

$$18 + 24 + 2 + 5$$

49

Order of Operations (J)

$$45 \div 9 + 8 - 4 + 10 \times 5 + 1$$

$$10 + 5 \times 4 + 5 \times 1 + 3 - 2$$

$$6 - 1 + 2 \times 3 + 2 + 20 \div 2$$

$$5 + 10 \div 10 + 7 \times 9$$

$$6 + 8 \times 2 + 110 \div 11 + 11 \times 6$$

Order of Operations (J) Answers

$$45 \div 9 + 8 - 4 + 10 \times 5 + 1$$

$$5 + 8 - 4 + 50 + 1$$

60

$$10 + 5 \times 4 + 5 \times 1 + 3 - 2$$

$$10 + 20 + 5 + 3 - 2$$

36

$$6 - 1 + 2 \times 3 + 2 + 20 \div 2$$

$$6 - 1 + 6 + 2 + 10$$

23

$$5 + 10 \div 10 + 7 \times 9$$

$$5 + 1 + 63$$

69

$$6 + 8 \times 2 + 110 \div 11 + 11 \times 6$$

$$6 + 16 + 10 + 66$$

98

Order of Operations (A)

$$1 \times 3 + 11 + 2 \div 2 + 6 - 3$$

$$12 \times 1 + 2 - 2 + 40 \div 4 + 8$$

$$5 + 12 \times 8 + 30 \div 6 + 8 - 5$$

$$11 - 4 + 11 \times 8 + 132 \div 11 + 11$$

$$4 - 1 + 11 + 10 \times 8 + 80 \div 8$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (A) Answers

$$1 \times 3 + 11 + 2 \div 2 + 6 - 3$$

$$3 + 11 + 1 + 6 - 3$$

$$18$$

$$12 \times 1 + 2 - 2 + 40 \div 4 + 8$$

$$12 + 2 - 2 + 10 + 8$$

$$30$$

$$5 + 12 \times 8 + 30 \div 6 + 8 - 5$$

$$5 + 96 + 5 + 8 - 5$$

$$109$$

$$11 - 4 + 11 \times 8 + 132 \div 11 + 11$$

$$11 - 4 + 88 + 12 + 11$$

$$118$$

$$4 - 1 + 11 + 10 \times 8 + 80 \div 8$$

$$4 - 1 + 11 + 80 + 10$$

$$104$$

Order of Operations (B)

$$1 \times 2 + 11 \div 1 + 4 + 1 - 1$$

$$3 - 3 + 9 + 90 \div 10 + 3 \times 8$$

$$6 - 6 + 1 \times 7 + 12 \div 12 + 4$$

$$7 + 8 \div 1 + 2 - 1 + 8 \times 5$$

$$8 - 1 + 11 \times 8 + 6 + 44 \div 4$$

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Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (B) Answers

$$1 \times 2 + 11 \div 1 + 4 + 1 - 1$$

$$2 + 11 + 4 + 1 - 1$$

$$17$$

$$3 - 3 + 9 + 90 \div 10 + 3 \times 8$$

$$3 - 3 + 9 + 9 + 24$$

$$42$$

$$6 - 6 + 1 \times 7 + 12 \div 12 + 4$$

$$6 - 6 + 7 + 1 + 4$$

$$12$$

$$7 + 8 \div 1 + 2 - 1 + 8 \times 5$$

$$7 + 8 + 2 - 1 + 40$$

$$56$$

$$8 - 1 + 11 \times 8 + 6 + 44 \div 4$$

$$8 - 1 + 88 + 6 + 11$$

$$112$$

Order of Operations (C)

$$64 \div 8 + 2 + 7 \times 4 + 7 - 6$$

$$6 + 2 \times 2 + 2 - 2 + 24 \div 6$$

$$15 \div 3 + 5 - 3 + 3 \times 10 + 11$$

$$12 + 54 \div 9 + 3 \times 4 + 12 - 9$$

$$108 \div 12 + 9 - 1 + 8 + 5 \times 10$$

Help

The order of operations is:

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (C) Answers

$$64 \div 8 + 2 + 7 \times 4 + 7 - 6$$

$$8 + 2 + 28 + 7 - 6$$

39

$$6 + 2 \times 2 + 2 - 2 + 24 \div 6$$

$$6 + 4 + 2 - 2 + 4$$

14

$$15 \div 3 + 5 - 3 + 3 \times 10 + 11$$

$$5 + 5 - 3 + 30 + 11$$

48

$$12 + 54 \div 9 + 3 \times 4 + 12 - 9$$

$$12 + 6 + 12 + 12 - 9$$

33

$$108 \div 12 + 9 - 1 + 8 + 5 \times 10$$

$$9 + 9 - 1 + 8 + 50$$

75

Order of Operations (D)

$$6 - 3 + 4 + 6 \div 3 + 4 \times 12$$

$$1 - 1 + 1 \times 3 + 77 \div 11 + 7$$

$$8 \times 11 + 40 \div 4 + 5 - 4 + 3$$

$$12 \div 2 + 8 + 3 \times 8 + 10 - 9$$

$$7 + 50 \div 5 + 12 - 4 + 3 \times 11$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (D) Answers

$$6 - 3 + 4 + 6 \div 3 + 4 \times 12$$

$$6 - 3 + 4 + 2 + 48$$

57

$$1 - 1 + 1 \times 3 + 77 \div 11 + 7$$

$$1 - 1 + 3 + 7 + 7$$

17

$$8 \times 11 + 40 \div 4 + 5 - 4 + 3$$

$$88 + 10 + 5 - 4 + 3$$

102

$$12 \div 2 + 8 + 3 \times 8 + 10 - 9$$

$$6 + 8 + 24 + 10 - 9$$

39

$$7 + 50 \div 5 + 12 - 4 + 3 \times 11$$

$$7 + 10 + 12 - 4 + 33$$

58

Order of Operations (E)

$$21 \div 3 + 1 - 1 + 11 + 5 \times 11$$

$$4 + 72 \div 9 + 10 - 6 + 3 \times 10$$

$$33 \div 11 + 4 \times 8 + 8 + 9 - 4$$

$$10 \times 10 + 10 + 10 - 1 + 55 \div 5$$

$$2 + 4 - 3 + 55 \div 11 + 9 \times 1$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (E) Answers

$$21 \div 3 + 1 - 1 + 11 + 5 \times 11$$

$$7 + 1 - 1 + 11 + 55$$

73

$$4 + 72 \div 9 + 10 - 6 + 3 \times 10$$

$$4 + 8 + 10 - 6 + 30$$

46

$$33 \div 11 + 4 \times 8 + 8 + 9 - 4$$

$$3 + 32 + 8 + 9 - 4$$

48

$$10 \times 10 + 10 + 10 - 1 + 55 \div 5$$

$$100 + 10 + 10 - 1 + 11$$

130

$$2 + 4 - 3 + 55 \div 11 + 9 \times 1$$

$$2 + 4 - 3 + 5 + 9$$

17

Order of Operations (F)

$$6 \times 4 + 3 - 2 + 20 \div 5 + 12$$

$$7 - 4 + 24 \div 2 + 7 + 5 \times 9$$

$$8 + 3 - 3 + 4 \times 3 + 14 \div 2$$

$$4 \times 11 + 1 + 20 \div 5 + 4 - 1$$

$$9 - 4 + 6 + 2 \times 8 + 36 \div 9$$

Help

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (F) Answers

$$6 \times 4 + 3 - 2 + 20 \div 5 + 12$$

$$24 + 3 - 2 + 4 + 12$$

41

$$7 - 4 + 24 \div 2 + 7 + 5 \times 9$$

$$7 - 4 + 12 + 7 + 45$$

67

$$8 + 3 - 3 + 4 \times 3 + 14 \div 2$$

$$8 + 3 - 3 + 12 + 7$$

27

$$4 \times 11 + 1 + 20 \div 5 + 4 - 1$$

$$44 + 1 + 4 + 4 - 1$$

52

$$9 - 4 + 6 + 2 \times 8 + 36 \div 9$$

$$9 - 4 + 6 + 16 + 4$$

31

Order of Operations (G)

$$9 + 12 \times 8 + 3 - 2 + 110 \div 10$$

$$7 - 4 + 8 \times 10 + 36 \div 6 + 7$$

$$18 \div 9 + 1 - 1 + 11 + 7 \times 6$$

$$9 \times 9 + 33 \div 11 + 9 - 7 + 11$$

$$12 - 9 + 2 \times 6 + 24 \div 3 + 9$$

Help

The order of operations is:

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Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (G) Answers

$$9 + 12 \times 8 + 3 - 2 + 110 \div 10$$

$$9 + 96 + 3 - 2 + 11$$

117

$$7 - 4 + 8 \times 10 + 36 \div 6 + 7$$

$$7 - 4 + 80 + 6 + 7$$

96

$$18 \div 9 + 1 - 1 + 11 + 7 \times 6$$

$$2 + 1 - 1 + 11 + 42$$

55

$$9 \times 9 + 33 \div 11 + 9 - 7 + 11$$

$$81 + 3 + 9 - 7 + 11$$

97

$$12 - 9 + 2 \times 6 + 24 \div 3 + 9$$

$$12 - 9 + 12 + 8 + 9$$

32

Order of Operations (H)

$$9 + 121 \div 11 + 7 - 5 + 10 \times 1$$

$$32 \div 8 + 2 \times 6 + 9 - 7 + 7$$

$$3 + 6 \times 7 + 5 - 2 + 36 \div 4$$

$$5 \times 10 + 96 \div 12 + 2 + 3 - 1$$

$$5 - 2 + 8 \times 6 + 84 \div 12 + 8$$

Help

The order of operations is:

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Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (H) Answers

$$9 + 121 \div 11 + 7 - 5 + 10 \times 1$$

$$9 + 11 + 7 - 5 + 10$$

32

$$32 \div 8 + 2 \times 6 + 9 - 7 + 7$$

$$4 + 12 + 9 - 7 + 7$$

25

$$3 + 6 \times 7 + 5 - 2 + 36 \div 4$$

$$3 + 42 + 5 - 2 + 9$$

57

$$5 \times 10 + 96 \div 12 + 2 + 3 - 1$$

$$50 + 8 + 2 + 3 - 1$$

62

$$5 - 2 + 8 \times 6 + 84 \div 12 + 8$$

$$5 - 2 + 48 + 7 + 8$$

66

Order of Operations (I)

$$12 + 11 \times 10 + 11 - 9 + 60 \div 5$$

$$6 - 3 + 9 \times 9 + 2 + 20 \div 10$$

$$9 + 2 \times 12 + 90 \div 9 + 3 - 3$$

$$2 \times 4 + 9 - 1 + 8 \div 8 + 5$$

$$12 - 7 + 30 \div 3 + 11 + 8 \times 9$$

Help

The order of operations is:

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Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

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You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (I) Answers

$$12 + 11 \times 10 + 11 - 9 + 60 \div 5$$

$$12 + 110 + 11 - 9 + 12$$

136

$$6 - 3 + 9 \times 9 + 2 + 20 \div 10$$

$$6 - 3 + 81 + 2 + 2$$

88

$$9 + 2 \times 12 + 90 \div 9 + 3 - 3$$

$$9 + 24 + 10 + 3 - 3$$

43

$$2 \times 4 + 9 - 1 + 8 \div 8 + 5$$

$$8 + 9 - 1 + 1 + 5$$

22

$$12 - 7 + 30 \div 3 + 11 + 8 \times 9$$

$$12 - 7 + 10 + 11 + 72$$

98

Order of Operations (J)

$$7 - 2 + 55 \div 11 + 10 \times 12 + 7$$

$$7 - 7 + 8 \div 4 + 4 + 8 \times 2$$

$$4 \times 1 + 3 - 3 + 5 + 35 \div 5$$

$$7 - 1 + 8 + 54 \div 6 + 5 \times 10$$

$$33 \div 3 + 12 + 2 \times 4 + 7 - 1$$

Help

The order of operations is:

Parentheses/**B**rackets – Complete anything in parentheses first.

Exponents – Complete all exponents second.

Multiplication and **D**ivision – Complete the multiplication and division in the order it appears from left to right.

Addition and **S**ubtraction – Complete the addition and subtraction in the order it appears from left to right.

You can remember the order of operations by remembering **PEMDAS** or **BEDMAS**.

Example:

$$2 + \underline{3 \times 4} + \underline{25 \div 5}$$

$$= 2 + 12 + 5$$

$$= 19$$

Order of Operations (J) Answers

$$7 - 2 + 55 \div 11 + 10 \times 12 + 7$$

$$7 - 2 + 5 + 120 + 7$$

137

$$7 - 7 + 8 \div 4 + 4 + 8 \times 2$$

$$7 - 7 + 2 + 4 + 16$$

22

$$4 \times 1 + 3 - 3 + 5 + 35 \div 5$$

$$4 + 3 - 3 + 5 + 7$$

16

$$7 - 1 + 8 + 54 \div 6 + 5 \times 10$$

$$7 - 1 + 8 + 9 + 50$$

73

$$33 \div 3 + 12 + 2 \times 4 + 7 - 1$$

$$11 + 12 + 8 + 7 - 1$$

37

Order of Operations with Decimals (A)

$$3.1 \times 8.3 - 4.7 \div 8.6$$

$$(5.5 \times 8.7 - 2.8) \div 9.1$$

$$(5.2 \times 8.91) \div (1.1 + 1.57)$$

$$(6.6 \times 7.8) \div (9.9 - 7.4)$$

$$9.285 - (8.6 - (1.9 - 1.6))$$

$$1^3 \div 6.27 \times 8.9$$

$$(3.1 \times 5 \times 8.6) \div 4.2$$

$$(7.729 - 5.455) \times 1.587 \div 9.5$$

$$9.7 + 7.56 - 3 + 4.2$$

$$(5.7 - 1.18)^3 \div 9.2$$

Order of Operations with Decimals (A) Answers

$$3.1 \times 8.3 - 4.7 \div 8.6 = 25.1835$$

$$(5.5 \times 8.7 - 2.8) \div 9.1 = 4.95055$$

$$(5.2 \times 8.91) \div (1.1 + 1.57) = 17.3528$$

$$(6.6 \times 7.8) \div (9.9 - 7.4) = 20.592$$

$$9.285 - (8.6 - (1.9 - 1.6)) = 0.985$$

$$1^3 \div 6.27 \times 8.9 = 1.41946$$

$$(3.1 \times 5 \times 8.6) \div 4.2 = 31.7381$$

$$(7.729 - 5.455) \times 1.587 \div 9.5 = 0.379878$$

$$9.7 + 7.56 - 3 + 4.2 = 18.46$$

$$(5.7 - 1.18)^3 \div 9.2 = 10.0375$$

Order of Operations with Decimals (B)

$$(3.8 + 5.9) \div (6.8 - 6.404)$$

$$6.005 \div (2.3 + 3.5 + 3.88)$$

$$(4.1 \times 4.55 \times 8.1) \div 1.56$$

$$(5.1 - 6.1 \div 2) \times 4.4$$

$$(2.9 + 3.9 \div 3.5) \times 9.7$$

$$(7.3 + 7.4) \div (1.7 \times 4.2)$$

$$5.5 - (9.6 - 8) - 2.1$$

$$7.9 + (9.1 - 3.1) \div 4.4$$

$$3.8 + 1.4 - 2.3 + 8.4$$

$$(2.2 + 5) \div (5.1 \times 7.8)$$

Order of Operations with Decimals (B) Answers

$$(3.8 + 5.9) \div (6.8 - 6.404) = 24.4949$$

$$6.005 \div (2.3 + 3.5 + 3.88) = 0.620351$$

$$(4.1 \times 4.55 \times 8.1) \div 1.56 = 96.8625$$

$$(5.1 - 6.1 \div 2) \times 4.4 = 9.02$$

$$(2.9 + 3.9 \div 3.5) \times 9.7 = 38.9386$$

$$(7.3 + 7.4) \div (1.7 \times 4.2) = 2.05882$$

$$5.5 - (9.6 - 8) - 2.1 = 1.8$$

$$7.9 + (9.1 - 3.1) \div 4.4 = 9.26364$$

$$3.8 + 1.4 - 2.3 + 8.4 = 11.3$$

$$(2.2 + 5) \div (5.1 \times 7.8) = 0.180995$$

Order of Operations with Decimals (C)

$$7 - (8.1 - (9.1 - 4.1))$$

$$4.2 \times 6.1 \times 7.9 \div 2.7$$

$$8.4 + 7.8 \div (8.3 \times 8.81)$$

$$(2.6 + 1.6)^2 \div 4.8$$

$$8.2(8.65 - 7.5) \times 9$$

$$2.3 + 6.9 - (8.2 - 5)$$

$$(9.3 - 4) \div 1.3 - 2$$

$$4.564 + 4.8 + 1.66 \times 3.1$$

$$6.6 \div (9.5 - 6.8) \times 2.8$$

$$6 - 1.514 - 3.25 + 6.5$$

Order of Operations with Decimals (C) Answers

$$7 - (8.1 - (9.1 - 4.1)) = 3.9$$

$$4.2 \times 6.1 \times 7.9 \div 2.7 = 74.9622$$

$$8.4 + 7.8 \div (8.3 \times 8.81) = 8.50667$$

$$(2.6 + 1.6)^2 \div 4.8 = 3.675$$

$$8.2(8.65 - 7.5) \times 9 = 84.87$$

$$2.3 + 6.9 - (8.2 - 5) = 6$$

$$(9.3 - 4) \div 1.3 - 2 = 2.07692$$

$$4.564 + 4.8 + 1.66 \times 3.1 = 14.51$$

$$6.6 \div (9.5 - 6.8) \times 2.8 = 6.84444$$

$$6 - 1.514 - 3.25 + 6.5 = 7.736$$