

Order of Operations with Decimals (A)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$9.6 - (3.1)^2$$

$$(-2.5) \times (-6.4) + (-3.9)$$

$$(-0.9) \times (1.5 + 5.8)$$

$$(-6.6) \div 2.4 - 5.4$$

$$(7.5)^2 + 1.6$$

$$(-0.9)^2 - (-6.3)$$

$$(8.9)^2 - (-4.9)$$

$$(-1.5) \times (-8.2) - 3.3$$

$$(-0.4) + (4.6)^2$$

$$3.8 + (2.7)^2$$

Order of Operations with Decimals (A) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 9.6 - (3.1)^2 \\ & = \underline{9.6 - 9.61} \\ & = -0.01 \end{aligned}$$

$$\begin{aligned} & \underline{(-2.5) \times (-6.4)} + (-3.9) \\ & = \underline{16 + (-3.9)} \\ & = 12.1 \end{aligned}$$

$$\begin{aligned} & (-0.9) \times (1.5 + 5.8) \\ & = \underline{(-0.9) \times 7.3} \\ & = -6.57 \end{aligned}$$

$$\begin{aligned} & \underline{(-6.6) \div 2.4} - 5.4 \\ & = \underline{(-2.75) - 5.4} \\ & = -8.15 \end{aligned}$$

$$\begin{aligned} & \underline{(7.5)^2} + 1.6 \\ & = \underline{56.25 + 1.6} \\ & = 57.85 \end{aligned}$$

$$\begin{aligned} & \underline{(-0.9)^2} - (-6.3) \\ & = \underline{0.81 - (-6.3)} \\ & = 7.11 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9)^2} - (-4.9) \\ & = \underline{79.21 - (-4.9)} \\ & = 84.11 \end{aligned}$$

$$\begin{aligned} & \underline{(-1.5) \times (-8.2)} - 3.3 \\ & = \underline{12.3 - 3.3} \\ & = 9 \end{aligned}$$

$$\begin{aligned} & (-0.4) + \underline{(4.6)^2} \\ & = \underline{(-0.4) + 21.16} \\ & = 20.76 \end{aligned}$$

$$\begin{aligned} & 3.8 + \underline{(2.7)^2} \\ & = \underline{3.8 + 7.29} \\ & = 11.09 \end{aligned}$$

Order of Operations with Decimals (B)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$9.1 + (-8.6)^2$$

$$9.5 + (-5.3)^2$$

$$3.8 \times ((-2.7) + (-2.6))$$

$$(-0.2)^2 - (-2.5)$$

$$(5.6)^2 \div 2.8$$

$$((-7.3) + 6.1) \times 4.9$$

$$5.6 - (-9.5)^2$$

$$(-4.2) \times (1.6 - 5.5)$$

$$(-9.6) - (7.3)^2$$

$$(-2.6) \times (6.6 + (-2.8))$$

Order of Operations with Decimals (B) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 9.1 + \underline{(-8.6)^2} \\ & = \underline{9.1 + 73.96} \\ & = 83.06 \end{aligned}$$

$$\begin{aligned} & 9.5 + \underline{(-5.3)^2} \\ & = \underline{9.5 + 28.09} \\ & = 37.59 \end{aligned}$$

$$\begin{aligned} & 3.8 \times \underline{((-2.7) + (-2.6))} \\ & = \underline{3.8 \times (-5.3)} \\ & = -20.14 \end{aligned}$$

$$\begin{aligned} & \underline{(-0.2)^2} - (-2.5) \\ & = \underline{0.04 - (-2.5)} \\ & = 2.54 \end{aligned}$$

$$\begin{aligned} & \underline{(5.6)^2} \div 2.8 \\ & = \underline{31.36 \div 2.8} \\ & = 11.2 \end{aligned}$$

$$\begin{aligned} & \underline{((-7.3) + 6.1)} \times 4.9 \\ & = \underline{(-1.2) \times 4.9} \\ & = -5.88 \end{aligned}$$

$$\begin{aligned} & 5.6 - \underline{(-9.5)^2} \\ & = \underline{5.6 - 90.25} \\ & = -84.65 \end{aligned}$$

$$\begin{aligned} & (-4.2) \times \underline{(1.6 - 5.5)} \\ & = \underline{(-4.2) \times (-3.9)} \\ & = 16.38 \end{aligned}$$

$$\begin{aligned} & (-9.6) - \underline{(7.3)^2} \\ & = \underline{(-9.6) - 53.29} \\ & = -62.89 \end{aligned}$$

$$\begin{aligned} & (-2.6) \times \underline{(6.6 + (-2.8))} \\ & = \underline{(-2.6) \times 3.8} \\ & = -9.88 \end{aligned}$$

Order of Operations with Decimals (C)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-9.7)^2 + (-7.4)$$

$$(-8.6)^2 - 0.5$$

$$(-5.6) + 0.3 \div 0.2$$

$$(3.4)^2 - (-5.4)$$

$$5.7 \div 9.5 + (-6.1)$$

$$(-2.5) \times (9.1 + 8.7)$$

$$7.9 - (-9.3) \times (-2.7)$$

$$(0.3 + 1.9) \times 7.4$$

$$(-5.4) + (-1.8) \times 2.3$$

$$(4.5 + 5.8) \times (-0.1)$$

Order of Operations with Decimals (C) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(-9.7)^2} + (-7.4) \\ & = \underline{94.09} + (-7.4) \\ & = 86.69 \end{aligned}$$

$$\begin{aligned} & \underline{(-8.6)^2} - 0.5 \\ & = \underline{73.96} - 0.5 \\ & = 73.46 \end{aligned}$$

$$\begin{aligned} & (-5.6) + \underline{0.3 \div 0.2} \\ & = \underline{(-5.6) + 1.5} \\ & = -4.1 \end{aligned}$$

$$\begin{aligned} & \underline{(3.4)^2} - (-5.4) \\ & = \underline{11.56} - (-5.4) \\ & = 16.96 \end{aligned}$$

$$\begin{aligned} & \underline{5.7 \div 9.5} + (-6.1) \\ & = \underline{0.6} + (-6.1) \\ & = -5.5 \end{aligned}$$

$$\begin{aligned} & (-2.5) \times \underline{(9.1 + 8.7)} \\ & = \underline{(-2.5) \times 17.8} \\ & = -44.5 \end{aligned}$$

$$\begin{aligned} & 7.9 - \underline{(-9.3) \times (-2.7)} \\ & = \underline{7.9 - 25.11} \\ & = -17.21 \end{aligned}$$

$$\begin{aligned} & \underline{(0.3 + 1.9)} \times 7.4 \\ & = \underline{2.2 \times 7.4} \\ & = 16.28 \end{aligned}$$

$$\begin{aligned} & (-5.4) + \underline{(-1.8) \times 2.3} \\ & = \underline{(-5.4) + (-4.14)} \\ & = -9.54 \end{aligned}$$

$$\begin{aligned} & \underline{(4.5 + 5.8)} \times (-0.1) \\ & = \underline{10.3 \times (-0.1)} \\ & = -1.03 \end{aligned}$$

Order of Operations with Decimals (D)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$1.7 + (4.4)^2$$

$$(-8.5) \times (-1.2)^2$$

$$(-9.4) \times (-7.8) - (-4.8)$$

$$(4.9 - (-9.8)) \div (-1.4)$$

$$(-6.4) + (2.7)^2$$

$$(9.3)^2 - 5.2$$

$$(1.4)^2 \div 2.8$$

$$4.6 + (-7.1)^2$$

$$4.7 - (-8.7)^2$$

$$(-7.6) + 7.4 \times 3.9$$

Order of Operations with Decimals (D) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 1.7 + (4.4)^2 \\ & = \underline{1.7 + 19.36} \\ & = 21.06 \end{aligned}$$

$$\begin{aligned} & (-8.5) \times (-1.2)^2 \\ & = \underline{(-8.5) \times 1.44} \\ & = -12.24 \end{aligned}$$

$$\begin{aligned} & (-9.4) \times (-7.8) - (-4.8) \\ & = \underline{73.32 - (-4.8)} \\ & = 78.12 \end{aligned}$$

$$\begin{aligned} & (4.9 - (-9.8)) \div (-1.4) \\ & = \underline{14.7 \div (-1.4)} \\ & = -10.5 \end{aligned}$$

$$\begin{aligned} & (-6.4) + (2.7)^2 \\ & = \underline{(-6.4) + 7.29} \\ & = 0.89 \end{aligned}$$

$$\begin{aligned} & (9.3)^2 - 5.2 \\ & = \underline{86.49 - 5.2} \\ & = 81.29 \end{aligned}$$

$$\begin{aligned} & (1.4)^2 \div 2.8 \\ & = \underline{1.96 \div 2.8} \\ & = 0.7 \end{aligned}$$

$$\begin{aligned} & 4.6 + (-7.1)^2 \\ & = \underline{4.6 + 50.41} \\ & = 55.01 \end{aligned}$$

$$\begin{aligned} & 4.7 - (-8.7)^2 \\ & = \underline{4.7 - 75.69} \\ & = -70.99 \end{aligned}$$

$$\begin{aligned} & (-7.6) + 7.4 \times 3.9 \\ & = \underline{(-7.6) + 28.86} \\ & = 21.26 \end{aligned}$$

Order of Operations with Decimals (E)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(2.2)^2 - 5.8$$

$$9.1 + (8.5)^2$$

$$(3.5)^2 + (-9.6)$$

$$9.4 \times 8.4 - (-9.4)$$

$$(-3.5) - (-2.6)^2$$

$$(-7.7) - (-9.7) \times 2.9$$

$$(4.5)^2 - (-8.9)$$

$$6.7 \times (0.7 + 9.2)$$

$$0.1 \times ((-5.4) - 4.1)$$

$$(4.4)^2 - (-7.4)$$

Order of Operations with Decimals (E) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(2.2)^2} - 5.8 \\ & = \underline{4.84} - 5.8 \\ & = -0.96 \end{aligned}$$

$$\begin{aligned} & 9.1 + \underline{(8.5)^2} \\ & = \underline{9.1 + 72.25} \\ & = 81.35 \end{aligned}$$

$$\begin{aligned} & \underline{(3.5)^2} + (-9.6) \\ & = \underline{12.25} + (-9.6) \\ & = 2.65 \end{aligned}$$

$$\begin{aligned} & \underline{9.4 \times 8.4} - (-9.4) \\ & = \underline{78.96} - (-9.4) \\ & = 88.36 \end{aligned}$$

$$\begin{aligned} & (-3.5) - \underline{(-2.6)^2} \\ & = \underline{(-3.5) - 6.76} \\ & = -10.26 \end{aligned}$$

$$\begin{aligned} & (-7.7) - \underline{(-9.7) \times 2.9} \\ & = \underline{(-7.7) - (-28.13)} \\ & = 20.43 \end{aligned}$$

$$\begin{aligned} & \underline{(4.5)^2} - (-8.9) \\ & = \underline{20.25} - (-8.9) \\ & = 29.15 \end{aligned}$$

$$\begin{aligned} & 6.7 \times \underline{(0.7 + 9.2)} \\ & = \underline{6.7 \times 9.9} \\ & = 66.33 \end{aligned}$$

$$\begin{aligned} & 0.1 \times \underline{((-5.4) - 4.1)} \\ & = \underline{0.1 \times (-9.5)} \\ & = -0.95 \end{aligned}$$

$$\begin{aligned} & \underline{(4.4)^2} - (-7.4) \\ & = \underline{19.36} - (-7.4) \\ & = 26.76 \end{aligned}$$

Order of Operations with Decimals (F)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(-3.5) - (3.7)^2$$

$$(-0.5) \times (4.8 - 3.3)$$

$$(-8.3)^2 + (-2.2)$$

$$((-5.1) + 0.3) \times (-3.2)$$

$$(-6.3) \times (-2.5) + 1.25$$

$$(-5.7) - (8.8)^2$$

$$2.4 \div (-0.3) - 7.6$$

$$(-5.6) - (-0.5)^2$$

$$7.1 \times (-4.4) + (-2.8)$$

$$(9.9)^2 - 5.2$$

Order of Operations with Decimals (F) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &(-3.5) - (3.7)^2 \\ &= (-3.5) - 13.69 \\ &= -17.19 \end{aligned}$$

$$\begin{aligned} &(-0.5) \times (4.8 - 3.3) \\ &= (-0.5) \times 1.5 \\ &= -0.75 \end{aligned}$$

$$\begin{aligned} &(-8.3)^2 + (-2.2) \\ &= 68.89 + (-2.2) \\ &= 66.69 \end{aligned}$$

$$\begin{aligned} &((-5.1) + 0.3) \times (-3.2) \\ &= (-4.8) \times (-3.2) \\ &= 15.36 \end{aligned}$$

$$\begin{aligned} &(-6.3) \times (-2.5) + 1.25 \\ &= 15.75 + 1.25 \\ &= 17 \end{aligned}$$

$$\begin{aligned} &(-5.7) - (8.8)^2 \\ &= (-5.7) - 77.44 \\ &= -83.14 \end{aligned}$$

$$\begin{aligned} &2.4 \div (-0.3) - 7.6 \\ &= (-8) - 7.6 \\ &= -15.6 \end{aligned}$$

$$\begin{aligned} &(-5.6) - (-0.5)^2 \\ &= (-5.6) - 0.25 \\ &= -5.85 \end{aligned}$$

$$\begin{aligned} &7.1 \times (-4.4) + (-2.8) \\ &= (-31.24) + (-2.8) \\ &= -34.04 \end{aligned}$$

$$\begin{aligned} &(9.9)^2 - 5.2 \\ &= 98.01 - 5.2 \\ &= 92.81 \end{aligned}$$

Order of Operations with Decimals (G)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(1.4)^2 - 4.9$$

$$((-4.8) + 1.4) \times (-1.3)$$

$$(-5.4) + (-8.2) \times 1.1$$

$$(4.6 - 2.5) \div 1.4$$

$$2.3 + (0.5)^2$$

$$((-0.3) + 2.5) \times (-6.7)$$

$$(1.4)^2 + 0.6$$

$$2.2 + (-7.9) \times 6.5$$

$$(8.9 + 9.8) \times 1.5$$

$$(-8.8)^2 - (-4.7)$$

Order of Operations with Decimals (G) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1.4)^2} - 4.9 \\ & = \underline{1.96} - 4.9 \\ & = -2.94 \end{aligned}$$

$$\begin{aligned} & \underline{((-4.8) + 1.4)} \times (-1.3) \\ & = \underline{(-3.4)} \times (-1.3) \\ & = 4.42 \end{aligned}$$

$$\begin{aligned} & (-5.4) + \underline{(-8.2) \times 1.1} \\ & = \underline{(-5.4) + (-9.02)} \\ & = -14.42 \end{aligned}$$

$$\begin{aligned} & \underline{(4.6 - 2.5)} \div 1.4 \\ & = \underline{2.1} \div 1.4 \\ & = 1.5 \end{aligned}$$

$$\begin{aligned} & 2.3 + \underline{(0.5)^2} \\ & = \underline{2.3 + 0.25} \\ & = 2.55 \end{aligned}$$

$$\begin{aligned} & \underline{((-0.3) + 2.5)} \times (-6.7) \\ & = \underline{2.2} \times (-6.7) \\ & = -14.74 \end{aligned}$$

$$\begin{aligned} & \underline{(1.4)^2} + 0.6 \\ & = \underline{1.96} + 0.6 \\ & = 2.56 \end{aligned}$$

$$\begin{aligned} & 2.2 + \underline{(-7.9) \times 6.5} \\ & = \underline{2.2 + (-51.35)} \\ & = -49.15 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9 + 9.8)} \times 1.5 \\ & = \underline{18.7} \times 1.5 \\ & = 28.05 \end{aligned}$$

$$\begin{aligned} & \underline{(-8.8)^2} - (-4.7) \\ & = \underline{77.44} - (-4.7) \\ & = 82.14 \end{aligned}$$

Order of Operations with Decimals (H)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$0.4 + (-2.1) \times 6.9$$

$$6.7 - (8.6)^2$$

$$9.8 \times ((-3.3) - (-2.7))$$

$$(-2.9) \times ((-2.5) - 1.6)$$

$$(2.1 + 5.8) \div 7.9$$

$$2.7 - (-3.2)^2$$

$$(0.4)^2 - (-7.8)$$

$$(2.8)^2 - 5.2$$

$$(-6.9) - (7.3)^2$$

$$(-2.2) \times ((-6.8) + 1.8)$$

Order of Operations with Decimals (H) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} &0.4 + \underline{(-2.1) \times 6.9} \\ &= \underline{0.4 + (-14.49)} \\ &= -14.09 \end{aligned}$$

$$\begin{aligned} &6.7 - \underline{(8.6)^2} \\ &= \underline{6.7 - 73.96} \\ &= -67.26 \end{aligned}$$

$$\begin{aligned} &9.8 \times \underline{((-3.3) - (-2.7))} \\ &= \underline{9.8 \times (-0.6)} \\ &= -5.88 \end{aligned}$$

$$\begin{aligned} &(-2.9) \times \underline{((-2.5) - 1.6)} \\ &= \underline{(-2.9) \times (-4.1)} \\ &= 11.89 \end{aligned}$$

$$\begin{aligned} &\underline{(2.1 + 5.8)} \div 7.9 \\ &= \underline{7.9 \div 7.9} \\ &= 1 \end{aligned}$$

$$\begin{aligned} &2.7 - \underline{(-3.2)^2} \\ &= \underline{2.7 - 10.24} \\ &= -7.54 \end{aligned}$$

$$\begin{aligned} &\underline{(0.4)^2} - (-7.8) \\ &= \underline{0.16 - (-7.8)} \\ &= 7.96 \end{aligned}$$

$$\begin{aligned} &\underline{(2.8)^2} - 5.2 \\ &= \underline{7.84 - 5.2} \\ &= 2.64 \end{aligned}$$

$$\begin{aligned} &(-6.9) - \underline{(7.3)^2} \\ &= \underline{(-6.9) - 53.29} \\ &= -60.19 \end{aligned}$$

$$\begin{aligned} &(-2.2) \times \underline{((-6.8) + 1.8)} \\ &= \underline{(-2.2) \times (-5)} \\ &= 11 \end{aligned}$$

Order of Operations with Decimals (I)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$(1.8)^2 \div 2.4$$

$$8.1 - (5.9)^2$$

$$(5.5)^2 - (-0.2)$$

$$3.3 \times (-3.1) - (-6.5)$$

$$(-8.3) \times (9.6 + 1.7)$$

$$(8.9 - 9.3) \times 1.8$$

$$(0.5 - 0.9) \times 2.2$$

$$5.2 \times 9.9 + (-6.1)$$

$$(-9.9) \div (3.1 + 1.4)$$

$$(-6.5)^2 - 9.3$$

Order of Operations with Decimals (I) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & \underline{(1.8)^2} \div 2.4 \\ & = \underline{3.24} \div 2.4 \\ & = 1.35 \end{aligned}$$

$$\begin{aligned} & 8.1 - \underline{(5.9)^2} \\ & = \underline{8.1 - 34.81} \\ & = -26.71 \end{aligned}$$

$$\begin{aligned} & \underline{(5.5)^2} - (-0.2) \\ & = \underline{30.25} - (-0.2) \\ & = 30.45 \end{aligned}$$

$$\begin{aligned} & \underline{3.3 \times (-3.1)} - (-6.5) \\ & = \underline{(-10.23)} - (-6.5) \\ & = -3.73 \end{aligned}$$

$$\begin{aligned} & (-8.3) \times \underline{(9.6 + 1.7)} \\ & = \underline{(-8.3) \times 11.3} \\ & = -93.79 \end{aligned}$$

$$\begin{aligned} & \underline{(8.9 - 9.3)} \times 1.8 \\ & = \underline{(-0.4)} \times 1.8 \\ & = -0.72 \end{aligned}$$

$$\begin{aligned} & \underline{(0.5 - 0.9)} \times 2.2 \\ & = \underline{(-0.4)} \times 2.2 \\ & = -0.88 \end{aligned}$$

$$\begin{aligned} & \underline{5.2 \times 9.9} + (-6.1) \\ & = \underline{51.48} + (-6.1) \\ & = 45.38 \end{aligned}$$

$$\begin{aligned} & (-9.9) \div \underline{(3.1 + 1.4)} \\ & = \underline{(-9.9) \div 4.5} \\ & = -2.2 \end{aligned}$$

$$\begin{aligned} & \underline{(-6.5)^2} - 9.3 \\ & = \underline{42.25} - 9.3 \\ & = 32.95 \end{aligned}$$

Order of Operations with Decimals (J)

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$9.6 - 7.4 \times (-4.3)$$

$$(-4.1) - (2.6)^2$$

$$8.8 \times (1.25 - (-1.3))$$

$$(-2.2)^2 + 4.8$$

$$(2.8)^2 \times 8.5$$

$$((-7.2) + (-3.2)) \div 2.6$$

$$9.9 + 6.3 \times 7.5$$

$$(8.3)^2 - 3.7$$

$$(-7.1) \times (-7.8) + (-6.2)$$

$$5.5 \times (8.7 - (-6.7))$$

Order of Operations with Decimals (J) Answers

Name: _____

Date: _____

Solve each expression using the correct order of operations.

$$\begin{aligned} & 9.6 - \underline{7.4 \times (-4.3)} \\ & = \underline{9.6 - (-31.82)} \\ & = 41.42 \end{aligned}$$

$$\begin{aligned} & (-4.1) - \underline{(2.6)^2} \\ & = \underline{(-4.1) - 6.76} \\ & = -10.86 \end{aligned}$$

$$\begin{aligned} & 8.8 \times \underline{(1.25 - (-1.3))} \\ & = \underline{8.8 \times 2.55} \\ & = 22.44 \end{aligned}$$

$$\begin{aligned} & \underline{(-2.2)^2} + 4.8 \\ & = \underline{4.84 + 4.8} \\ & = 9.64 \end{aligned}$$

$$\begin{aligned} & \underline{(2.8)^2} \times 8.5 \\ & = \underline{7.84 \times 8.5} \\ & = 66.64 \end{aligned}$$

$$\begin{aligned} & \underline{((-7.2) + (-3.2))} \div 2.6 \\ & = \underline{(-10.4) \div 2.6} \\ & = -4 \end{aligned}$$

$$\begin{aligned} & 9.9 + \underline{6.3 \times 7.5} \\ & = \underline{9.9 + 47.25} \\ & = 57.15 \end{aligned}$$

$$\begin{aligned} & \underline{(8.3)^2} - 3.7 \\ & = \underline{68.89 - 3.7} \\ & = 65.19 \end{aligned}$$

$$\begin{aligned} & \underline{(-7.1) \times (-7.8)} + (-6.2) \\ & = \underline{55.38 + (-6.2)} \\ & = 49.18 \end{aligned}$$

$$\begin{aligned} & 5.5 \times \underline{(8.7 - (-6.7))} \\ & = \underline{5.5 \times 15.4} \\ & = 84.7 \end{aligned}$$