

Multiplying Fractions (A)

Find the value of each expression in lowest terms.

1. $\frac{1}{4} \times \frac{15}{2} \times \frac{12}{7}$

5. $\frac{7}{5} \times \frac{1}{2} \times \frac{4}{3}$

2. $\frac{11}{2} \times \frac{13}{11} \times \frac{1}{10}$

6. $\frac{4}{7} \times \frac{21}{11} \times \frac{5}{8}$

3. $4\frac{1}{2} \times \frac{5}{3} \times 1\frac{3}{10}$

7. $\frac{1}{4} \times 3\frac{1}{4} \times 1\frac{2}{3}$

4. $1\frac{5}{7} \times \frac{11}{6} \times 4\frac{1}{2}$

8. $7\frac{1}{3} \times \frac{3}{8} \times \frac{5}{6}$

Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{4} \times \frac{15}{2} \times \frac{12}{7} \\ = \frac{45}{14} = 3\frac{3}{14}$$

$$5. \frac{7}{5} \times \frac{1}{2} \times \frac{4}{3} \\ = \frac{14}{15}$$

$$2. \frac{11}{2} \times \frac{13}{11} \times \frac{1}{10} \\ = \frac{13}{20}$$

$$6. \frac{4}{7} \times \frac{21}{11} \times \frac{5}{8} \\ = \frac{15}{22}$$

$$3. 4\frac{1}{2} \times \frac{5}{3} \times 1\frac{3}{10} \\ = \frac{39}{4} = 9\frac{3}{4}$$

$$7. \frac{1}{4} \times 3\frac{1}{4} \times 1\frac{2}{3} \\ = \frac{65}{48} = 1\frac{17}{48}$$

$$4. 1\frac{5}{7} \times \frac{11}{6} \times 4\frac{1}{2} \\ = \frac{99}{7} = 14\frac{1}{7}$$

$$8. 7\frac{1}{3} \times \frac{3}{8} \times \frac{5}{6} \\ = \frac{55}{24} = 2\frac{7}{24}$$

Multiplying Fractions (B)

Find the value of each expression in lowest terms.

1. $2\frac{1}{6} \times \frac{3}{5} \times \frac{5}{6}$

5. $\frac{1}{2} \times 3\frac{3}{4} \times \frac{17}{5}$

2. $\frac{1}{3} \times \frac{4}{7} \times 3\frac{3}{4}$

6. $\frac{1}{3} \times 1\frac{2}{3} \times \frac{12}{7}$

3. $1\frac{1}{6} \times \frac{2}{3} \times 2\frac{1}{5}$

7. $\frac{2}{3} \times 3\frac{3}{7} \times 1\frac{1}{2}$

4. $1\frac{2}{3} \times 5\frac{1}{3} \times 1\frac{1}{4}$

8. $\frac{24}{7} \times \frac{1}{3} \times \frac{8}{5}$

Multiplying Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{1}{6} \times \frac{3}{5} \times \frac{5}{6} \\ & = \frac{13}{12} = 1\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{1}{2} \times 3\frac{3}{4} \times \frac{17}{5} \\ & = \frac{51}{8} = 6\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \times \frac{4}{7} \times 3\frac{3}{4} \\ & = \frac{5}{7} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{3} \times 1\frac{2}{3} \times \frac{12}{7} \\ & = \frac{20}{21} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{1}{6} \times \frac{2}{3} \times 2\frac{1}{5} \\ & = \frac{77}{45} = 1\frac{32}{45} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{2}{3} \times 3\frac{3}{7} \times 1\frac{1}{2} \\ & = \frac{24}{7} = 3\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{2}{3} \times 5\frac{1}{3} \times 1\frac{1}{4} \\ & = \frac{100}{9} = 11\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{24}{7} \times \frac{1}{3} \times \frac{8}{5} \\ & = \frac{64}{35} = 1\frac{29}{35} \end{aligned}$$

Multiplying Fractions (C)

Find the value of each expression in lowest terms.

1. $\frac{1}{4} \times \frac{1}{3} \times \frac{13}{3}$

5. $11\frac{1}{2} \times \frac{1}{4} \times \frac{4}{11}$

2. $\frac{5}{6} \times \frac{9}{5} \times \frac{19}{10}$

6. $3\frac{1}{7} \times \frac{1}{2} \times 1\frac{1}{2}$

3. $4\frac{1}{3} \times \frac{15}{2} \times \frac{1}{10}$

7. $1\frac{4}{7} \times \frac{7}{8} \times 1\frac{7}{9}$

4. $\frac{1}{2} \times 5\frac{1}{2} \times \frac{4}{11}$

8. $1\frac{2}{3} \times \frac{1}{3} \times \frac{23}{10}$

Multiplying Fractions (C) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{4} \times \frac{1}{3} \times \frac{13}{3} \\ = \frac{13}{36}$$

$$5. 11\frac{1}{2} \times \frac{1}{4} \times \frac{4}{11} \\ = \frac{23}{22} = 1\frac{1}{22}$$

$$2. \frac{5}{6} \times \frac{9}{5} \times \frac{19}{10} \\ = \frac{57}{20} = 2\frac{17}{20}$$

$$6. 3\frac{1}{7} \times \frac{1}{2} \times 1\frac{1}{2} \\ = \frac{33}{14} = 2\frac{5}{14}$$

$$3. 4\frac{1}{3} \times \frac{15}{2} \times \frac{1}{10} \\ = \frac{13}{4} = 3\frac{1}{4}$$

$$7. 1\frac{4}{7} \times \frac{7}{8} \times 1\frac{7}{9} \\ = \frac{22}{9} = 2\frac{4}{9}$$

$$4. \frac{1}{2} \times 5\frac{1}{2} \times \frac{4}{11} \\ = 1$$

$$8. 1\frac{2}{3} \times \frac{1}{3} \times \frac{23}{10} \\ = \frac{23}{18} = 1\frac{5}{18}$$

Multiplying Fractions (D)

Find the value of each expression in lowest terms.

1. $1\frac{1}{5} \times \frac{10}{11} \times \frac{5}{6}$

5. $\frac{8}{11} \times \frac{11}{3} \times 4\frac{1}{5}$

2. $\frac{1}{3} \times 1\frac{1}{12} \times \frac{4}{3}$

6. $\frac{3}{10} \times 4\frac{4}{5} \times \frac{7}{9}$

3. $\frac{1}{6} \times \frac{1}{3} \times \frac{4}{3}$

7. $2\frac{2}{3} \times \frac{2}{5} \times \frac{9}{4}$

4. $\frac{19}{4} \times \frac{5}{6} \times \frac{3}{4}$

8. $\frac{1}{6} \times \frac{11}{4} \times \frac{2}{3}$

Multiplying Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{5} \times \frac{10}{11} \times \frac{5}{6} \\ & = \frac{10}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{8}{11} \times \frac{11}{3} \times 4\frac{1}{5} \\ & = \frac{56}{5} = 11\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \times 1\frac{1}{12} \times \frac{4}{3} \\ & = \frac{13}{27} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{3}{10} \times 4\frac{4}{5} \times \frac{7}{9} \\ & = \frac{28}{25} = 1\frac{3}{25} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{6} \times \frac{1}{3} \times \frac{4}{3} \\ & = \frac{2}{27} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{2}{3} \times \frac{2}{5} \times \frac{9}{4} \\ & = \frac{12}{5} = 2\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{19}{4} \times \frac{5}{6} \times \frac{3}{4} \\ & = \frac{95}{32} = 2\frac{31}{32} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{6} \times \frac{11}{4} \times \frac{2}{3} \\ & = \frac{11}{36} \end{aligned}$$

Multiplying Fractions (E)

Find the value of each expression in lowest terms.

1. $\frac{3}{2} \times \frac{3}{2} \times 3\frac{1}{3}$

5. $\frac{4}{5} \times \frac{1}{3} \times 1\frac{2}{3}$

2. $\frac{9}{11} \times \frac{1}{4} \times \frac{11}{8}$

6. $2\frac{1}{3} \times \frac{3}{5} \times \frac{7}{5}$

3. $\frac{1}{3} \times \frac{4}{5} \times 1\frac{2}{7}$

7. $\frac{1}{3} \times \frac{15}{2} \times 1\frac{9}{10}$

4. $\frac{13}{4} \times \frac{11}{9} \times 1\frac{7}{11}$

8. $\frac{10}{7} \times \frac{1}{4} \times 1\frac{3}{4}$

Multiplying Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{2} \times \frac{3}{2} \times 3\frac{1}{3} \\ & = \frac{15}{2} = 7\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{4}{5} \times \frac{1}{3} \times 1\frac{2}{3} \\ & = \frac{4}{9} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{9}{11} \times \frac{1}{4} \times \frac{11}{8} \\ & = \frac{9}{32} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{3} \times \frac{3}{5} \times \frac{7}{5} \\ & = \frac{49}{25} = 1\frac{24}{25} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{3} \times \frac{4}{5} \times 1\frac{2}{7} \\ & = \frac{12}{35} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{3} \times \frac{15}{2} \times 1\frac{9}{10} \\ & = \frac{19}{4} = 4\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{4} \times \frac{11}{9} \times 1\frac{7}{11} \\ & = \frac{13}{2} = 6\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{10}{7} \times \frac{1}{4} \times 1\frac{3}{4} \\ & = \frac{5}{8} \end{aligned}$$

Multiplying Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{11}{5} \times \frac{4}{5} \times \frac{7}{4}$

5. $5\frac{1}{3} \times \frac{3}{5} \times \frac{10}{11}$

2. $\frac{2}{9} \times 5\frac{1}{4} \times \frac{1}{6}$

6. $\frac{1}{4} \times 3\frac{1}{3} \times 1\frac{1}{11}$

3. $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4}$

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

4. $\frac{10}{7} \times \frac{21}{2} \times \frac{2}{3}$

8. $2\frac{3}{4} \times 3\frac{1}{3} \times \frac{20}{11}$

Multiplying Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{11}{5} \times \frac{4}{5} \times \frac{7}{4} \\ & = \frac{77}{25} = 3\frac{2}{25} \end{aligned}$$

$$\begin{aligned} 5. \quad & 5\frac{1}{3} \times \frac{3}{5} \times \frac{10}{11} \\ & = \frac{32}{11} = 2\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{2}{9} \times 5\frac{1}{4} \times \frac{1}{6} \\ & = \frac{7}{36} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{4} \times 3\frac{1}{3} \times 1\frac{1}{11} \\ & = \frac{10}{11} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{1}{2} \times 1\frac{1}{2} \times \frac{3}{4} \\ & = \frac{27}{16} = 1\frac{11}{16} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{5}{8} \times \frac{1}{2} \times 4\frac{2}{3} \\ & = \frac{49}{8} = 6\frac{1}{8} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{10}{7} \times \frac{21}{2} \times \frac{2}{3} \\ & = 10 \end{aligned}$$

$$\begin{aligned} 8. \quad & 2\frac{3}{4} \times 3\frac{1}{3} \times \frac{20}{11} \\ & = \frac{50}{3} = 16\frac{2}{3} \end{aligned}$$

Multiplying Fractions (G)

Find the value of each expression in lowest terms.

1. $1\frac{1}{9} \times 2\frac{1}{3} \times \frac{4}{5}$

5. $2\frac{3}{4} \times \frac{20}{11} \times \frac{5}{3}$

2. $\frac{1}{2} \times 1\frac{3}{4} \times \frac{4}{7}$

6. $\frac{1}{6} \times 2\frac{2}{5} \times \frac{15}{8}$

3. $1\frac{2}{3} \times \frac{9}{8} \times \frac{3}{2}$

7. $\frac{1}{3} \times \frac{8}{3} \times 2\frac{7}{8}$

4. $\frac{9}{4} \times \frac{7}{12} \times \frac{3}{2}$

8. $3\frac{2}{7} \times \frac{4}{3} \times \frac{3}{2}$

Multiplying Fractions (G) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{1}{9} \times 2\frac{1}{3} \times \frac{4}{5} \\ & = \frac{56}{27} = 2\frac{2}{27} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{3}{4} \times \frac{20}{11} \times \frac{5}{3} \\ & = \frac{25}{3} = 8\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{2} \times 1\frac{3}{4} \times \frac{4}{7} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{6} \times 2\frac{2}{5} \times \frac{15}{8} \\ & = \frac{3}{4} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{2}{3} \times \frac{9}{8} \times \frac{3}{2} \\ & = \frac{45}{16} = 2\frac{13}{16} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{3} \times \frac{8}{3} \times 2\frac{7}{8} \\ & = \frac{23}{9} = 2\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{9}{4} \times \frac{7}{12} \times \frac{3}{2} \\ & = \frac{63}{32} = 1\frac{31}{32} \end{aligned}$$

$$\begin{aligned} 8. \quad & 3\frac{2}{7} \times \frac{4}{3} \times \frac{3}{2} \\ & = \frac{46}{7} = 6\frac{4}{7} \end{aligned}$$

Multiplying Fractions (H)

Find the value of each expression in lowest terms.

1. $\frac{3}{7} \times \frac{21}{2} \times 1\frac{3}{5}$

5. $\frac{3}{7} \times \frac{1}{6} \times 1\frac{1}{6}$

2. $\frac{1}{6} \times \frac{2}{3} \times 2\frac{2}{5}$

6. $\frac{16}{11} \times 1\frac{3}{8} \times \frac{1}{3}$

3. $\frac{1}{5} \times \frac{19}{7} \times 3\frac{1}{3}$

7. $\frac{7}{3} \times 1\frac{1}{8} \times \frac{12}{5}$

4. $2\frac{2}{11} \times 3\frac{1}{2} \times \frac{1}{12}$

8. $1\frac{2}{5} \times \frac{1}{3} \times \frac{1}{2}$

Multiplying Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{3}{7} \times \frac{21}{2} \times 1\frac{3}{5} \\ & = \frac{36}{5} = 7\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{3}{7} \times \frac{1}{6} \times 1\frac{1}{6} \\ & = \frac{1}{12} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{6} \times \frac{2}{3} \times 2\frac{2}{5} \\ & = \frac{4}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{16}{11} \times 1\frac{3}{8} \times \frac{1}{3} \\ & = \frac{2}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{5} \times \frac{19}{7} \times 3\frac{1}{3} \\ & = \frac{38}{21} = 1\frac{17}{21} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{7}{3} \times 1\frac{1}{8} \times \frac{12}{5} \\ & = \frac{63}{10} = 6\frac{3}{10} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{2}{11} \times 3\frac{1}{2} \times \frac{1}{12} \\ & = \frac{7}{11} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{2}{5} \times \frac{1}{3} \times \frac{1}{2} \\ & = \frac{7}{30} \end{aligned}$$

Multiplying Fractions (I)

Find the value of each expression in lowest terms.

1. $\frac{14}{3} \times \frac{7}{9} \times \frac{18}{7}$

5. $2\frac{4}{9} \times \frac{1}{2} \times 2\frac{1}{3}$

2. $\frac{1}{3} \times \frac{13}{2} \times \frac{5}{4}$

6. $\frac{7}{2} \times \frac{1}{6} \times \frac{4}{9}$

3. $\frac{1}{9} \times \frac{3}{7} \times \frac{15}{2}$

7. $\frac{21}{4} \times \frac{1}{2} \times \frac{5}{9}$

4. $1\frac{8}{9} \times \frac{3}{2} \times \frac{4}{5}$

8. $\frac{3}{8} \times \frac{16}{9} \times \frac{3}{2}$

Multiplying Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{14}{3} \times \frac{7}{9} \times \frac{18}{7} \\ & = \frac{28}{3} = 9\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{4}{9} \times \frac{1}{2} \times 2\frac{1}{3} \\ & = \frac{77}{27} = 2\frac{23}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} \times \frac{13}{2} \times \frac{5}{4} \\ & = \frac{65}{24} = 2\frac{17}{24} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{7}{2} \times \frac{1}{6} \times \frac{4}{9} \\ & = \frac{7}{27} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{9} \times \frac{3}{7} \times \frac{15}{2} \\ & = \frac{5}{14} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{21}{4} \times \frac{1}{2} \times \frac{5}{9} \\ & = \frac{35}{24} = 1\frac{11}{24} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{8}{9} \times \frac{3}{2} \times \frac{4}{5} \\ & = \frac{34}{15} = 2\frac{4}{15} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{3}{8} \times \frac{16}{9} \times \frac{3}{2} \\ & = 1 \end{aligned}$$

Multiplying Fractions (J)

Find the value of each expression in lowest terms.

1. $\frac{1}{3} \times \frac{1}{2} \times \frac{9}{11}$

5. $4\frac{3}{4} \times \frac{4}{3} \times \frac{1}{3}$

2. $\frac{2}{3} \times 1\frac{1}{4} \times \frac{24}{7}$

6. $\frac{14}{3} \times \frac{1}{3} \times 2\frac{1}{3}$

3. $\frac{1}{6} \times \frac{12}{5} \times \frac{5}{6}$

7. $\frac{1}{12} \times 4\frac{1}{5} \times \frac{5}{9}$

4. $\frac{2}{7} \times \frac{1}{4} \times 1\frac{2}{3}$

8. $\frac{5}{2} \times \frac{4}{3} \times \frac{5}{11}$

Multiplying Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{1}{3} \times \frac{1}{2} \times \frac{9}{11} \\ & = \frac{3}{22} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4\frac{3}{4} \times \frac{4}{3} \times \frac{1}{3} \\ & = \frac{19}{9} = 2\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{2}{3} \times 1\frac{1}{4} \times \frac{24}{7} \\ & = \frac{20}{7} = 2\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{14}{3} \times \frac{1}{3} \times 2\frac{1}{3} \\ & = \frac{98}{27} = 3\frac{17}{27} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{6} \times \frac{12}{5} \times \frac{5}{6} \\ & = \frac{1}{3} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{1}{12} \times 4\frac{1}{5} \times \frac{5}{9} \\ & = \frac{7}{36} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{2}{7} \times \frac{1}{4} \times 1\frac{2}{3} \\ & = \frac{5}{42} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{5}{2} \times \frac{4}{3} \times \frac{5}{11} \\ & = \frac{50}{33} = 1\frac{17}{33} \end{aligned}$$