

## Multiplying Fractions (A)

Find the value of each expression in lowest terms.

1.  $\frac{12}{11} \times \frac{8}{3} \times \frac{19}{8}$

5.  $\frac{20}{7} \times \frac{7}{5} \times \frac{2}{11}$

2.  $\frac{10}{3} \times \frac{4}{7} \times \frac{1}{2}$

6.  $\frac{1}{3} \times \frac{15}{2} \times \frac{6}{7}$

3.  $\frac{9}{10} \times \frac{10}{3} \times \frac{19}{4}$

7.  $\frac{14}{9} \times 2 \times \frac{3}{2}$

4.  $\frac{24}{5} \times \frac{5}{12} \times \frac{4}{3}$

8.  $6 \times \frac{1}{2} \times \frac{8}{7}$

## Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{12}{11} \times \frac{8}{3} \times \frac{19}{8} \\ & = \frac{76}{11} = 6\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{20}{7} \times \frac{7}{5} \times \frac{2}{11} \\ & = \frac{8}{11} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{10}{3} \times \frac{4}{7} \times \frac{1}{2} \\ & = \frac{20}{21} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{1}{3} \times \frac{15}{2} \times \frac{6}{7} \\ & = \frac{15}{7} = 2\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{9}{10} \times \frac{10}{3} \times \frac{19}{4} \\ & = \frac{57}{4} = 14\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{14}{9} \times 2 \times \frac{3}{2} \\ & = \frac{14}{3} = 4\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{24}{5} \times \frac{5}{12} \times \frac{4}{3} \\ & = \frac{8}{3} = 2\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 8. \quad & 6 \times \frac{1}{2} \times \frac{8}{7} \\ & = \frac{24}{7} = 3\frac{3}{7} \end{aligned}$$

## Multiplying Fractions (B)

Find the value of each expression in lowest terms.

1.  $3 \times \frac{7}{3} \times \frac{16}{7}$

5.  $2 \times \frac{1}{7} \times \frac{19}{10}$

2.  $\frac{7}{2} \times \frac{15}{11} \times \frac{2}{3}$

6.  $\frac{11}{2} \times \frac{9}{11} \times \frac{22}{9}$

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

7.  $\frac{3}{2} \times \frac{16}{3} \times \frac{11}{5}$

4.  $\frac{19}{2} \times 1 \times \frac{2}{3}$

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

## Multiplying Fractions (B) Answers

Find the value of each expression in lowest terms.

$$1. 3 \times \frac{7}{3} \times \frac{16}{7} \\ = 16$$

$$5. 2 \times \frac{1}{7} \times \frac{19}{10} \\ = \frac{19}{35}$$

$$2. \frac{7}{2} \times \frac{15}{11} \times \frac{2}{3} \\ = \frac{35}{11} = 3\frac{2}{11}$$

$$6. \frac{11}{2} \times \frac{9}{11} \times \frac{22}{9} \\ = 11$$

$$3. \frac{9}{7} \times 2 \times \frac{3}{2} \\ = \frac{27}{7} = 3\frac{6}{7}$$

$$7. \frac{3}{2} \times \frac{16}{3} \times \frac{11}{5} \\ = \frac{88}{5} = 17\frac{3}{5}$$

$$4. \frac{19}{2} \times 1 \times \frac{2}{3} \\ = \frac{19}{3} = 6\frac{1}{3}$$

$$8. \frac{7}{5} \times \frac{1}{2} \times \frac{1}{3} \\ = \frac{7}{30}$$

## Multiplying Fractions (C)

Find the value of each expression in lowest terms.

1.  $\frac{21}{5} \times \frac{5}{4} \times \frac{16}{9}$

5.  $4 \times \frac{15}{4} \times \frac{13}{12}$

2.  $\frac{8}{3} \times \frac{15}{8} \times \frac{11}{6}$

6.  $\frac{11}{9} \times \frac{8}{3} \times 3$

3.  $\frac{7}{8} \times \frac{3}{2} \times \frac{17}{7}$

7.  $\frac{3}{2} \times \frac{16}{3} \times 7$

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

8.  $\frac{9}{4} \times \frac{1}{2} \times \frac{17}{12}$

## Multiplying Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{21}{5} \times \frac{5}{4} \times \frac{16}{9} \\ & = \frac{28}{3} = 9\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 5. \quad & 4 \times \frac{15}{4} \times \frac{13}{12} \\ & = \frac{65}{4} = 16\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{8}{3} \times \frac{15}{8} \times \frac{11}{6} \\ & = \frac{55}{6} = 9\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{11}{9} \times \frac{8}{3} \times 3 \\ & = \frac{88}{9} = 9\frac{7}{9} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{7}{8} \times \frac{3}{2} \times \frac{17}{7} \\ & = \frac{51}{16} = 3\frac{3}{16} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{3}{2} \times \frac{16}{3} \times 7 \\ & = 56 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & \frac{9}{4} \times \frac{1}{2} \times \frac{17}{12} \\ & = \frac{51}{32} = 1\frac{19}{32} \end{aligned}$$

## Multiplying Fractions (D)

Find the value of each expression in lowest terms.

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

5.  $\frac{2}{3} \times \frac{5}{8} \times \frac{23}{5}$

2.  $\frac{5}{2} \times 2 \times \frac{21}{5}$

6.  $1 \times \frac{12}{11} \times \frac{1}{3}$

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

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

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

8.  $\frac{6}{5} \times 2 \times \frac{21}{8}$

## Multiplying Fractions (D) Answers

Find the value of each expression in lowest terms.

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

$$5. \frac{2}{3} \times \frac{5}{8} \times \frac{23}{5} \\ = \frac{23}{12} = 1\frac{11}{12}$$

$$2. \frac{5}{2} \times 2 \times \frac{21}{5} \\ = 21$$

$$6. 1 \times \frac{12}{11} \times \frac{1}{3} \\ = \frac{4}{11}$$

$$3. \frac{8}{3} \times 11 \times \frac{1}{2} \\ = \frac{44}{3} = 14\frac{2}{3}$$

$$7. \frac{1}{8} \times \frac{5}{4} \times 1 \\ = \frac{5}{32}$$

$$4. 4 \times \frac{1}{12} \times \frac{4}{3} \\ = \frac{4}{9}$$

$$8. \frac{6}{5} \times 2 \times \frac{21}{8} \\ = \frac{63}{10} = 6\frac{3}{10}$$

## Multiplying Fractions (E)

Find the value of each expression in lowest terms.

1.  $\frac{1}{12} \times 2 \times \frac{13}{4}$

5.  $\frac{7}{9} \times 1 \times \frac{10}{7}$

2.  $\frac{5}{3} \times \frac{19}{6} \times 2$

6.  $\frac{5}{12} \times 6 \times \frac{7}{10}$

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

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

4.  $\frac{4}{3} \times 5 \times \frac{12}{11}$

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

## Multiplying Fractions (E) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{12} \times 2 \times \frac{13}{4} \\ = \frac{13}{24}$$

$$5. \frac{7}{9} \times 1 \times \frac{10}{7} \\ = \frac{10}{9} = 1\frac{1}{9}$$

$$2. \frac{5}{3} \times \frac{19}{6} \times 2 \\ = \frac{95}{9} = 10\frac{5}{9}$$

$$6. \frac{5}{12} \times 6 \times \frac{7}{10} \\ = \frac{7}{4} = 1\frac{3}{4}$$

$$3. \frac{11}{2} \times \frac{5}{3} \times \frac{5}{11} \\ = \frac{25}{6} = 4\frac{1}{6}$$

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

$$4. \frac{4}{3} \times 5 \times \frac{12}{11} \\ = \frac{80}{11} = 7\frac{3}{11}$$

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

## Multiplying Fractions (F)

Find the value of each expression in lowest terms.

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

5.  $\frac{11}{6} \times 2 \times \frac{18}{5}$

2.  $\frac{1}{8} \times 20 \times \frac{15}{4}$

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

3.  $\frac{1}{2} \times \frac{14}{9} \times \frac{21}{5}$

7.  $\frac{2}{9} \times \frac{21}{11} \times 1$

4.  $\frac{11}{7} \times \frac{7}{4} \times \frac{18}{5}$

8.  $\frac{5}{12} \times \frac{3}{2} \times \frac{4}{5}$

## Multiplying Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{9}{5} \times \frac{7}{4} \times \frac{1}{2} \\ & = \frac{63}{40} = 1\frac{23}{40} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{11}{6} \times 2 \times \frac{18}{5} \\ & = \frac{66}{5} = 13\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{8} \times 20 \times \frac{15}{4} \\ & = \frac{75}{8} = 9\frac{3}{8} \end{aligned}$$

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

$$\begin{aligned} 3. \quad & \frac{1}{2} \times \frac{14}{9} \times \frac{21}{5} \\ & = \frac{49}{15} = 3\frac{4}{15} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{2}{9} \times \frac{21}{11} \times 1 \\ & = \frac{14}{33} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{11}{7} \times \frac{7}{4} \times \frac{18}{5} \\ & = \frac{99}{10} = 9\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{5}{12} \times \frac{3}{2} \times \frac{4}{5} \\ & = \frac{1}{2} \end{aligned}$$

## Multiplying Fractions (G)

Find the value of each expression in lowest terms.

1.  $\frac{21}{4} \times 8 \times \frac{5}{3}$

5.  $\frac{15}{2} \times \frac{3}{5} \times \frac{8}{11}$

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

6.  $\frac{11}{5} \times \frac{5}{12} \times \frac{5}{3}$

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

7.  $\frac{12}{5} \times \frac{15}{11} \times 11$

4.  $\frac{6}{5} \times \frac{8}{3} \times \frac{3}{5}$

8.  $\frac{10}{9} \times \frac{1}{4} \times \frac{2}{3}$

## Multiplying Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. \frac{21}{4} \times 8 \times \frac{5}{3} \\ = 70$$

$$5. \frac{15}{2} \times \frac{3}{5} \times \frac{8}{11} \\ = \frac{36}{11} = 3\frac{3}{11}$$

$$2. \frac{7}{2} \times \frac{6}{5} \times \frac{11}{6} \\ = \frac{77}{10} = 7\frac{7}{10}$$

$$6. \frac{11}{5} \times \frac{5}{12} \times \frac{5}{3} \\ = \frac{55}{36} = 1\frac{19}{36}$$

$$3. \frac{2}{9} \times \frac{1}{3} \times \frac{9}{11} \\ = \frac{2}{33}$$

$$7. \frac{12}{5} \times \frac{15}{11} \times 11 \\ = 36$$

$$4. \frac{6}{5} \times \frac{8}{3} \times \frac{3}{5} \\ = \frac{48}{25} = 1\frac{23}{25}$$

$$8. \frac{10}{9} \times \frac{1}{4} \times \frac{2}{3} \\ = \frac{5}{27}$$

## Multiplying Fractions (H)

Find the value of each expression in lowest terms.

1.  $\frac{17}{12} \times \frac{15}{8} \times 2$

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

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

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

3.  $\frac{1}{5} \times \frac{21}{4} \times \frac{3}{2}$

7.  $\frac{3}{2} \times 12 \times \frac{5}{3}$

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

8.  $\frac{5}{3} \times \frac{9}{2} \times \frac{1}{11}$

## Multiplying Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{17}{12} \times \frac{15}{8} \times 2 \\ & = \frac{85}{16} = 5\frac{5}{16} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{4} \times \frac{5}{3} \times 3 \\ & = \frac{85}{4} = 21\frac{1}{4} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{2}{3} \times \frac{5}{4} \times \frac{17}{2} \\ & = \frac{85}{12} = 7\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{5} \times \frac{21}{4} \times \frac{3}{2} \\ & = \frac{63}{40} = 1\frac{23}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{3}{2} \times 12 \times \frac{5}{3} \\ & = 30 \end{aligned}$$

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

$$\begin{aligned} 8. \quad & \frac{5}{3} \times \frac{9}{2} \times \frac{1}{11} \\ & = \frac{15}{22} \end{aligned}$$

## Multiplying Fractions (I)

Find the value of each expression in lowest terms.

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

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

2.  $\frac{10}{3} \times \frac{14}{5} \times \frac{5}{7}$

6.  $\frac{3}{4} \times 4 \times \frac{3}{10}$

3.  $\frac{12}{5} \times \frac{1}{2} \times 4$

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

4.  $\frac{21}{4} \times \frac{2}{9} \times \frac{12}{7}$

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

## Multiplying Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2 \times \frac{3}{5} \times \frac{7}{4} \\ & = \frac{21}{10} = 2\frac{1}{10} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{1}{4} \times \frac{5}{3} \times \frac{3}{4} \\ & = \frac{5}{16} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{10}{3} \times \frac{14}{5} \times \frac{5}{7} \\ & = \frac{20}{3} = 6\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{3}{4} \times 4 \times \frac{3}{10} \\ & = \frac{9}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{12}{5} \times \frac{1}{2} \times 4 \\ & = \frac{24}{5} = 4\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2 \times \frac{1}{3} \times \frac{8}{3} \\ & = \frac{16}{9} = 1\frac{7}{9} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{21}{4} \times \frac{2}{9} \times \frac{12}{7} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{15}{7} \times \frac{3}{10} \times 2 \\ & = \frac{9}{7} = 1\frac{2}{7} \end{aligned}$$

## Multiplying Fractions (J)

Find the value of each expression in lowest terms.

1.  $\frac{19}{12} \times \frac{9}{4} \times \frac{1}{3}$

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

2.  $\frac{15}{8} \times \frac{18}{5} \times \frac{2}{3}$

6.  $\frac{6}{5} \times \frac{9}{10} \times \frac{11}{3}$

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

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

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

8.  $\frac{16}{5} \times 1 \times \frac{4}{5}$

## Multiplying Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. \frac{19}{12} \times \frac{9}{4} \times \frac{1}{3} \\ = \frac{19}{16} = 1\frac{3}{16}$$

$$5. \frac{1}{8} \times \frac{5}{2} \times \frac{7}{2} \\ = \frac{35}{32} = 1\frac{3}{32}$$

$$2. \frac{15}{8} \times \frac{18}{5} \times \frac{2}{3} \\ = \frac{9}{2} = 4\frac{1}{2}$$

$$6. \frac{6}{5} \times \frac{9}{10} \times \frac{11}{3} \\ = \frac{99}{25} = 3\frac{24}{25}$$

$$3. \frac{9}{4} \times \frac{5}{6} \times 2 \\ = \frac{15}{4} = 3\frac{3}{4}$$

$$7. 4 \times \frac{3}{2} \times \frac{5}{3} \\ = 10$$

$$4. \frac{3}{2} \times 3 \times \frac{1}{11} \\ = \frac{9}{22}$$

$$8. \frac{16}{5} \times 1 \times \frac{4}{5} \\ = \frac{64}{25} = 2\frac{14}{25}$$