

Multiplying Fractions (A)

Find the value of each expression in lowest terms.

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

5. $\frac{5}{3} \times \frac{17}{12}$

9. $\frac{9}{10} \times \frac{1}{3}$

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

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

10. $\frac{1}{7} \times \frac{23}{4}$

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

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

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

4. $1\frac{9}{11} \times \frac{5}{2}$

8. $\frac{6}{7} \times \frac{1}{12}$

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

Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{4} \times 4\frac{4}{5} \\ & = \frac{42}{5} = 8\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{5}{3} \times \frac{17}{12} \\ & = \frac{85}{36} = 2\frac{13}{36} \end{aligned}$$

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

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

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

$$\begin{aligned} 10. \quad & \frac{1}{7} \times \frac{23}{4} \\ & = \frac{23}{28} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & \frac{7}{3} \times 2\frac{1}{5} \\ & = \frac{77}{15} = 5\frac{2}{15} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{3}{4} \times \frac{7}{5} \\ & = \frac{21}{20} = 1\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{9}{11} \times \frac{5}{2} \\ & = \frac{50}{11} = 4\frac{6}{11} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{6}{7} \times \frac{1}{12} \\ & = \frac{1}{14} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{1}{5} \times 3\frac{2}{7} \\ & = \frac{23}{35} \end{aligned}$$

Multiplying Fractions (B)

Find the value of each expression in lowest terms.

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

5. $\frac{13}{7} \times 2\frac{1}{2}$

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

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

6. $1\frac{5}{7} \times \frac{16}{9}$

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

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

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

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

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

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

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

Multiplying Fractions (B) Answers

Find the value of each expression in lowest terms.

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

$$5. \frac{13}{7} \times 2\frac{1}{2} \\ = \frac{65}{14} = 4\frac{9}{14}$$

$$9. \frac{1}{4} \times \frac{2}{7} \\ = \frac{1}{14}$$

$$2. \frac{3}{2} \times \frac{6}{11} \\ = \frac{9}{11}$$

$$6. 1\frac{5}{7} \times \frac{16}{9} \\ = \frac{64}{21} = 3\frac{1}{21}$$

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

$$3. \frac{13}{5} \times \frac{1}{2} \\ = \frac{13}{10} = 1\frac{3}{10}$$

$$7. \frac{1}{7} \times \frac{1}{4} \\ = \frac{1}{28}$$

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

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

$$8. 5\frac{3}{4} \times \frac{1}{2} \\ = \frac{23}{8} = 2\frac{7}{8}$$

$$12. 4\frac{3}{5} \times \frac{2}{3} \\ = \frac{46}{15} = 3\frac{1}{15}$$

Multiplying Fractions (C)

Find the value of each expression in lowest terms.

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

5. $\frac{20}{3} \times \frac{1}{6}$

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

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

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

10. $\frac{1}{8} \times \frac{11}{5}$

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

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

11. $\frac{4}{11} \times \frac{21}{8}$

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

8. $\frac{8}{11} \times \frac{11}{8}$

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

Multiplying Fractions (C) Answers

Find the value of each expression in lowest terms.

$$1. \frac{7}{10} \times 1\frac{2}{3} \\ = \frac{7}{6} = 1\frac{1}{6}$$

$$5. \frac{20}{3} \times \frac{1}{6} \\ = \frac{10}{9} = 1\frac{1}{9}$$

$$9. 2\frac{3}{10} \times 1\frac{1}{2} \\ = \frac{69}{20} = 3\frac{9}{20}$$

$$2. 3\frac{1}{2} \times \frac{7}{10} \\ = \frac{49}{20} = 2\frac{9}{20}$$

$$6. 2\frac{2}{9} \times \frac{9}{11} \\ = \frac{20}{11} = 1\frac{9}{11}$$

$$10. \frac{1}{8} \times \frac{11}{5} \\ = \frac{11}{40}$$

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

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

$$11. \frac{4}{11} \times \frac{21}{8} \\ = \frac{21}{22}$$

$$4. 2\frac{2}{7} \times 2\frac{1}{3} \\ = \frac{16}{3} = 5\frac{1}{3}$$

$$8. \frac{8}{11} \times \frac{11}{8} \\ = 1$$

$$12. \frac{2}{5} \times 5\frac{3}{4} \\ = \frac{23}{10} = 2\frac{3}{10}$$

Multiplying Fractions (D)

Find the value of each expression in lowest terms.

1. $\frac{13}{7} \times \frac{1}{2}$

5. $\frac{1}{2} \times \frac{22}{9}$

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

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

6. $\frac{17}{9} \times \frac{5}{2}$

10. $\frac{6}{5} \times \frac{17}{3}$

3. $\frac{5}{12} \times \frac{9}{10}$

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

11. $\frac{5}{2} \times \frac{5}{9}$

4. $1\frac{5}{9} \times 3\frac{2}{7}$

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

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

Multiplying Fractions (D) Answers

Find the value of each expression in lowest terms.

$$1. \frac{13}{7} \times \frac{1}{2} \\ = \frac{13}{14}$$

$$5. \frac{1}{2} \times \frac{22}{9} \\ = \frac{11}{9} = 1\frac{2}{9}$$

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

$$2. \frac{2}{11} \times \frac{2}{3} \\ = \frac{4}{33}$$

$$6. \frac{17}{9} \times \frac{5}{2} \\ = \frac{85}{18} = 4\frac{13}{18}$$

$$10. \frac{6}{5} \times \frac{17}{3} \\ = \frac{34}{5} = 6\frac{4}{5}$$

$$3. \frac{5}{12} \times \frac{9}{10} \\ = \frac{3}{8}$$

$$7. \frac{1}{2} \times \frac{21}{4} \\ = \frac{21}{8} = 2\frac{5}{8}$$

$$11. \frac{5}{2} \times \frac{5}{9} \\ = \frac{25}{18} = 1\frac{7}{18}$$

$$4. 1\frac{5}{9} \times 3\frac{2}{7} \\ = \frac{46}{9} = 5\frac{1}{9}$$

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

$$12. 2\frac{1}{2} \times 2\frac{1}{4} \\ = \frac{45}{8} = 5\frac{5}{8}$$

Multiplying Fractions (E)

Find the value of each expression in lowest terms.

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

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

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

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

6. $\frac{1}{6} \times \frac{21}{4}$

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

3. $\frac{7}{4} \times \frac{8}{11}$

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

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

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

8. $\frac{12}{7} \times \frac{7}{4}$

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

Multiplying Fractions (E) Answers

Find the value of each expression in lowest terms.

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

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

$$9. \frac{5}{11} \times \frac{3}{2} \\ = \frac{15}{22}$$

$$2. \frac{7}{10} \times \frac{1}{3} \\ = \frac{7}{30}$$

$$6. \frac{1}{6} \times \frac{21}{4} \\ = \frac{7}{8}$$

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

$$3. \frac{7}{4} \times \frac{8}{11} \\ = \frac{14}{11} = 1\frac{3}{11}$$

$$7. 3\frac{2}{3} \times \frac{3}{4} \\ = \frac{11}{4} = 2\frac{3}{4}$$

$$11. \frac{4}{3} \times 2\frac{2}{3} \\ = \frac{32}{9} = 3\frac{5}{9}$$

$$4. \frac{1}{2} \times \frac{19}{4} \\ = \frac{19}{8} = 2\frac{3}{8}$$

$$8. \frac{12}{7} \times \frac{7}{4} \\ = 3$$

$$12. \frac{1}{2} \times 3\frac{1}{4} \\ = \frac{13}{8} = 1\frac{5}{8}$$

Multiplying Fractions (F)

Find the value of each expression in lowest terms.

1. $\frac{7}{6} \times \frac{10}{7}$

5. $\frac{7}{9} \times 1\frac{3}{5}$

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

2. $1\frac{7}{12} \times 3\frac{3}{4}$

6. $\frac{13}{2} \times \frac{3}{2}$

10. $2\frac{2}{5} \times \frac{2}{5}$

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

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

11. $\frac{1}{3} \times \frac{14}{5}$

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

8. $1\frac{4}{7} \times \frac{8}{11}$

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

Multiplying Fractions (F) Answers

Find the value of each expression in lowest terms.

$$1. \frac{7}{6} \times \frac{10}{7} \\ = \frac{5}{3} = 1\frac{2}{3}$$

$$5. \frac{7}{9} \times 1\frac{3}{5} \\ = \frac{56}{45} = 1\frac{11}{45}$$

$$9. \frac{5}{2} \times \frac{5}{7} \\ = \frac{25}{14} = 1\frac{11}{14}$$

$$2. 1\frac{7}{12} \times 3\frac{3}{4} \\ = \frac{95}{16} = 5\frac{15}{16}$$

$$6. \frac{13}{2} \times \frac{3}{2} \\ = \frac{39}{4} = 9\frac{3}{4}$$

$$10. 2\frac{2}{5} \times \frac{2}{5} \\ = \frac{24}{25}$$

$$3. 2\frac{1}{5} \times \frac{1}{3} \\ = \frac{11}{15}$$

$$7. 1\frac{1}{3} \times 1\frac{2}{5} \\ = \frac{28}{15} = 1\frac{13}{15}$$

$$11. \frac{1}{3} \times \frac{14}{5} \\ = \frac{14}{15}$$

$$4. \frac{3}{2} \times \frac{7}{2} \\ = \frac{21}{4} = 5\frac{1}{4}$$

$$8. 1\frac{4}{7} \times \frac{8}{11} \\ = \frac{8}{7} = 1\frac{1}{7}$$

$$12. \frac{1}{5} \times \frac{1}{3} \\ = \frac{1}{15}$$

Multiplying Fractions (G)

Find the value of each expression in lowest terms.

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

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

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

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

6. $\frac{7}{4} \times \frac{11}{3}$

10. $\frac{11}{10} \times 3\frac{1}{2}$

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

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

11. $\frac{1}{5} \times 1\frac{4}{9}$

4. $3\frac{3}{5} \times \frac{19}{12}$

8. $\frac{5}{3} \times \frac{18}{11}$

12. $\frac{7}{6} \times \frac{9}{7}$

Multiplying Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. \frac{10}{9} \times \frac{3}{8} \\ = \frac{5}{12}$$

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

$$9. 3\frac{1}{2} \times \frac{4}{5} \\ = \frac{14}{5} = 2\frac{4}{5}$$

$$2. 1\frac{2}{3} \times 1\frac{2}{11} \\ = \frac{65}{33} = 1\frac{32}{33}$$

$$6. \frac{7}{4} \times \frac{11}{3} \\ = \frac{77}{12} = 6\frac{5}{12}$$

$$10. \frac{11}{10} \times 3\frac{1}{2} \\ = \frac{77}{20} = 3\frac{17}{20}$$

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

$$7. 1\frac{1}{6} \times \frac{7}{4} \\ = \frac{49}{24} = 2\frac{1}{24}$$

$$11. \frac{1}{5} \times 1\frac{4}{9} \\ = \frac{13}{45}$$

$$4. 3\frac{3}{5} \times \frac{19}{12} \\ = \frac{57}{10} = 5\frac{7}{10}$$

$$8. \frac{5}{3} \times \frac{18}{11} \\ = \frac{30}{11} = 2\frac{8}{11}$$

$$12. \frac{7}{6} \times \frac{9}{7} \\ = \frac{3}{2} = 1\frac{1}{2}$$

Multiplying Fractions (H)

Find the value of each expression in lowest terms.

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

5. $1\frac{1}{7} \times \frac{19}{8}$

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

2. $\frac{24}{11} \times \frac{1}{8}$

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

10. $\frac{6}{7} \times \frac{16}{5}$

3. $1\frac{7}{11} \times 1\frac{1}{6}$

7. $\frac{17}{7} \times \frac{1}{3}$

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

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

8. $\frac{3}{4} \times \frac{9}{11}$

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

Multiplying Fractions (H) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{3}{5} \times 2\frac{1}{8} \\ = \frac{17}{5} = 3\frac{2}{5}$$

$$5. 1\frac{1}{7} \times \frac{19}{8} \\ = \frac{19}{7} = 2\frac{5}{7}$$

$$9. \frac{1}{6} \times 1\frac{3}{5} \\ = \frac{4}{15}$$

$$2. \frac{24}{11} \times \frac{1}{8} \\ = \frac{3}{11}$$

$$6. \frac{7}{4} \times 1\frac{2}{3} \\ = \frac{35}{12} = 2\frac{11}{12}$$

$$10. \frac{6}{7} \times \frac{16}{5} \\ = \frac{96}{35} = 2\frac{26}{35}$$

$$3. 1\frac{7}{11} \times 1\frac{1}{6} \\ = \frac{21}{11} = 1\frac{10}{11}$$

$$7. \frac{17}{7} \times \frac{1}{3} \\ = \frac{17}{21}$$

$$11. \frac{10}{11} \times 1\frac{1}{2} \\ = \frac{15}{11} = 1\frac{4}{11}$$

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

$$8. \frac{3}{4} \times \frac{9}{11} \\ = \frac{27}{44}$$

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

Multiplying Fractions (I)

Find the value of each expression in lowest terms.

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

5. $\frac{8}{9} \times 3\frac{3}{5}$

9. $\frac{8}{11} \times \frac{13}{12}$

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

6. $1\frac{1}{5} \times \frac{23}{4}$

10. $\frac{19}{6} \times \frac{1}{3}$

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

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

11. $2\frac{3}{10} \times 1\frac{1}{4}$

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

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

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

Multiplying Fractions (I) Answers

Find the value of each expression in lowest terms.

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

$$5. \ \frac{8}{9} \times 3\frac{3}{5} \\ = \frac{16}{5} = 3\frac{1}{5}$$

$$9. \ \frac{8}{11} \times \frac{13}{12} \\ = \frac{26}{33}$$

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

$$6. \ 1\frac{1}{5} \times \frac{23}{4} \\ = \frac{69}{10} = 6\frac{9}{10}$$

$$10. \ \frac{19}{6} \times \frac{1}{3} \\ = \frac{19}{18} = 1\frac{1}{18}$$

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

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

$$11. \ 2\frac{3}{10} \times 1\frac{1}{4} \\ = \frac{23}{8} = 2\frac{7}{8}$$

$$4. \ \frac{9}{5} \times \frac{3}{2} \\ = \frac{27}{10} = 2\frac{7}{10}$$

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

$$12. \ \frac{1}{2} \times \frac{2}{11} \\ = \frac{1}{11}$$

Multiplying Fractions (J)

Find the value of each expression in lowest terms.

1. $\frac{19}{8} \times \frac{2}{3}$

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

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

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

6. $1\frac{1}{3} \times \frac{13}{4}$

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

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

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

11. $\frac{6}{11} \times 1\frac{1}{9}$

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

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

12. $1\frac{2}{3} \times 1\frac{5}{6}$

Multiplying Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. \frac{19}{8} \times \frac{2}{3} \\ = \frac{19}{12} = 1\frac{7}{12}$$

$$5. \frac{1}{4} \times \frac{1}{6} \\ = \frac{1}{24}$$

$$9. \frac{1}{2} \times 1\frac{3}{10} \\ = \frac{13}{20}$$

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

$$6. 1\frac{1}{3} \times \frac{13}{4} \\ = \frac{13}{3} = 4\frac{1}{3}$$

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

$$3. \frac{12}{5} \times \frac{3}{8} \\ = \frac{9}{10}$$

$$7. 2\frac{1}{2} \times 2\frac{2}{7} \\ = \frac{40}{7} = 5\frac{5}{7}$$

$$11. \frac{6}{11} \times 1\frac{1}{9} \\ = \frac{20}{33}$$

$$4. \frac{12}{5} \times \frac{6}{7} \\ = \frac{72}{35} = 2\frac{2}{35}$$

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

$$12. 1\frac{2}{3} \times 1\frac{5}{6} \\ = \frac{55}{18} = 3\frac{1}{18}$$