

## Multiplying Fractions (A)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

7.  $4\frac{3}{5} \times 1\frac{9}{11}$

11.  $1\frac{1}{6} \times 1\frac{1}{2}$

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

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

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

## Multiplying Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{3}{5} \times 1\frac{2}{5} \\ = \frac{56}{25} = 2\frac{6}{25}$$

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

$$9. 2\frac{1}{3} \times 4\frac{4}{5} \\ = \frac{56}{5} = 11\frac{1}{5}$$

$$2. 3\frac{1}{3} \times 3\frac{1}{6} \\ = \frac{95}{9} = 10\frac{5}{9}$$

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

$$10. 1\frac{1}{10} \times 3\frac{3}{4} \\ = \frac{33}{8} = 4\frac{1}{8}$$

$$3. 2\frac{3}{4} \times 1\frac{4}{5} \\ = \frac{99}{20} = 4\frac{19}{20}$$

$$7. 4\frac{3}{5} \times 1\frac{9}{11} \\ = \frac{92}{11} = 8\frac{4}{11}$$

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

$$4. 4\frac{1}{5} \times 2\frac{1}{2} \\ = \frac{21}{2} = 10\frac{1}{2}$$

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

$$12. 2\frac{1}{4} \times 1\frac{4}{5} \\ = \frac{81}{20} = 4\frac{1}{20}$$

## Multiplying Fractions (B)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

12.  $1\frac{7}{10} \times 2\frac{2}{3}$

## Multiplying Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{1}{3} \times 2\frac{3}{4} \\ & = \frac{77}{12} = 6\frac{5}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{6} \times 5\frac{1}{2} \\ & = \frac{77}{12} = 6\frac{5}{12} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{2}{7} \times 2\frac{1}{2} \\ & = \frac{45}{14} = 3\frac{3}{14} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{1}{4} \times 1\frac{1}{2} \\ & = \frac{15}{8} = 1\frac{7}{8} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \times 2\frac{1}{5} \\ & = \frac{44}{15} = 2\frac{14}{15} \end{aligned}$$

$$\begin{aligned} 10. \quad & 1\frac{1}{11} \times 3\frac{1}{4} \\ & = \frac{39}{11} = 3\frac{6}{11} \end{aligned}$$

$$\begin{aligned} 3. \quad & 4\frac{1}{3} \times 2\frac{1}{4} \\ & = \frac{39}{4} = 9\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{7}{12} \times 7\frac{1}{2} \\ & = \frac{95}{8} = 11\frac{7}{8} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{4} \times 3\frac{1}{4} \\ & = \frac{65}{16} = 4\frac{1}{16} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{2}{5} \times 1\frac{4}{9} \\ & = \frac{52}{15} = 3\frac{7}{15} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{1}{9} \times 2\frac{3}{4} \\ & = \frac{55}{18} = 3\frac{1}{18} \end{aligned}$$

$$\begin{aligned} 12. \quad & 1\frac{7}{10} \times 2\frac{2}{3} \\ & = \frac{68}{15} = 4\frac{8}{15} \end{aligned}$$

## Multiplying Fractions (C)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions (C) Answers

Find the value of each expression in lowest terms.

$$1. \quad 1\frac{3}{4} \times 1\frac{1}{9} \\ = \frac{35}{18} = 1\frac{17}{18}$$

$$5. \quad 2\frac{1}{3} \times 3\frac{2}{3} \\ = \frac{77}{9} = 8\frac{5}{9}$$

$$9. \quad 3\frac{1}{2} \times 1\frac{6}{7} \\ = \frac{13}{2} = 6\frac{1}{2}$$

$$2. \quad 4\frac{2}{3} \times 1\frac{1}{4} \\ = \frac{35}{6} = 5\frac{5}{6}$$

$$6. \quad 4\frac{2}{3} \times 3\frac{1}{2} \\ = \frac{49}{3} = 16\frac{1}{3}$$

$$10. \quad 1\frac{2}{9} \times 1\frac{1}{4} \\ = \frac{55}{36} = 1\frac{19}{36}$$

$$3. \quad 3\frac{3}{4} \times 2\frac{5}{6} \\ = \frac{85}{8} = 10\frac{5}{8}$$

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

$$11. \quad 1\frac{1}{6} \times 1\frac{2}{3} \\ = \frac{35}{18} = 1\frac{17}{18}$$

$$4. \quad 2\frac{4}{7} \times 3\frac{2}{3} \\ = \frac{66}{7} = 9\frac{3}{7}$$

$$8. \quad 1\frac{3}{5} \times 8\frac{1}{2} \\ = \frac{68}{5} = 13\frac{3}{5}$$

$$12. \quad 2\frac{1}{2} \times 1\frac{3}{4} \\ = \frac{35}{8} = 4\frac{3}{8}$$

## Multiplying Fractions (D)

Find the value of each expression in lowest terms.

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

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

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

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

6.  $1\frac{4}{11} \times 1\frac{1}{10}$

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

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

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

11.  $1\frac{2}{7} \times 4\frac{1}{3}$

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

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

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

## Multiplying Fractions (D) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{1}{3} \times 2\frac{1}{9} \\ = \frac{76}{27} = 2\frac{22}{27}$$

$$5. 1\frac{1}{4} \times 2\frac{1}{9} \\ = \frac{95}{36} = 2\frac{23}{36}$$

$$9. 1\frac{3}{11} \times 2\frac{1}{4} \\ = \frac{63}{22} = 2\frac{19}{22}$$

$$2. 4\frac{1}{2} \times 1\frac{1}{6} \\ = \frac{21}{4} = 5\frac{1}{4}$$

$$6. 1\frac{4}{11} \times 1\frac{1}{10} \\ = \frac{3}{2} = 1\frac{1}{2}$$

$$10. 2\frac{1}{4} \times 2\frac{3}{4} \\ = \frac{99}{16} = 6\frac{3}{16}$$

$$3. 2\frac{1}{3} \times 5\frac{1}{2} \\ = \frac{77}{6} = 12\frac{5}{6}$$

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

$$11. 1\frac{2}{7} \times 4\frac{1}{3} \\ = \frac{39}{7} = 5\frac{4}{7}$$

$$4. 1\frac{1}{2} \times 3\frac{1}{5} \\ = \frac{24}{5} = 4\frac{4}{5}$$

$$8. 1\frac{1}{6} \times 2\frac{1}{3} \\ = \frac{49}{18} = 2\frac{13}{18}$$

$$12. 1\frac{1}{4} \times 3\frac{1}{2} \\ = \frac{35}{8} = 4\frac{3}{8}$$

## Multiplying Fractions (E)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 1\frac{3}{7} \times 2\frac{3}{10} \\ & = \frac{23}{7} = 3\frac{2}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{5}{6} \times 2\frac{2}{3} \\ & = \frac{68}{9} = 7\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 9. \quad & 4\frac{1}{2} \times 2\frac{2}{5} \\ & = \frac{54}{5} = 10\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{1}{2} \times 1\frac{7}{8} \\ & = \frac{75}{16} = 4\frac{11}{16} \end{aligned}$$

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

$$\begin{aligned} 10. \quad & 1\frac{1}{5} \times 5\frac{3}{4} \\ & = \frac{69}{10} = 6\frac{9}{10} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{2}{3} \times 2\frac{2}{11} \\ & = \frac{40}{11} = 3\frac{7}{11} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{1}{3} \times 3\frac{1}{7} \\ & = \frac{22}{3} = 7\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{2} \times 2\frac{2}{5} \\ & = \frac{18}{5} = 3\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{2}{3} \times 2\frac{2}{3} \\ & = \frac{40}{9} = 4\frac{4}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & 1\frac{1}{7} \times 4\frac{3}{4} \\ & = \frac{38}{7} = 5\frac{3}{7} \end{aligned}$$

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

## Multiplying Fractions (F)

Find the value of each expression in lowest terms.

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

5.  $1\frac{2}{3} \times 1\frac{10}{11}$

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

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

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

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

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

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

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

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

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

12.  $2\frac{3}{8} \times 6\frac{2}{3}$

## Multiplying Fractions (F) Answers

Find the value of each expression in lowest terms.

$$1. 2\frac{1}{9} \times 2\frac{1}{2} \\ = \frac{95}{18} = 5\frac{5}{18}$$

$$5. 1\frac{2}{3} \times 1\frac{10}{11} \\ = \frac{35}{11} = 3\frac{2}{11}$$

$$9. 2\frac{5}{7} \times 1\frac{1}{2} \\ = \frac{57}{14} = 4\frac{1}{14}$$

$$2. 1\frac{6}{7} \times 1\frac{1}{6} \\ = \frac{13}{6} = 2\frac{1}{6}$$

$$6. 1\frac{3}{4} \times 1\frac{1}{6} \\ = \frac{49}{24} = 2\frac{1}{24}$$

$$10. 1\frac{1}{3} \times 1\frac{8}{9} \\ = \frac{68}{27} = 2\frac{14}{27}$$

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

$$7. 1\frac{7}{8} \times 2\frac{1}{2} \\ = \frac{75}{16} = 4\frac{11}{16}$$

$$11. 1\frac{6}{11} \times 1\frac{2}{3} \\ = \frac{85}{33} = 2\frac{19}{33}$$

$$4. 1\frac{5}{6} \times 1\frac{1}{7} \\ = \frac{44}{21} = 2\frac{2}{21}$$

$$8. 2\frac{1}{2} \times 2\frac{2}{3} \\ = \frac{20}{3} = 6\frac{2}{3}$$

$$12. 2\frac{3}{8} \times 6\frac{2}{3} \\ = \frac{95}{6} = 15\frac{5}{6}$$

## Multiplying Fractions (G)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. 4\frac{3}{4} \times 1\frac{1}{5} \\ = \frac{57}{10} = 5\frac{7}{10}$$

$$5. 2\frac{1}{4} \times 5\frac{1}{2} \\ = \frac{99}{8} = 12\frac{3}{8}$$

$$9. 1\frac{4}{11} \times 2\frac{3}{4} \\ = \frac{15}{4} = 3\frac{3}{4}$$

$$2. 10\frac{1}{2} \times 1\frac{1}{3} \\ = 14$$

$$6. 2\frac{1}{7} \times 1\frac{7}{12} \\ = \frac{95}{28} = 3\frac{11}{28}$$

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

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

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

$$11. 1\frac{1}{3} \times 1\frac{6}{11} \\ = \frac{68}{33} = 2\frac{2}{33}$$

$$4. 1\frac{1}{5} \times 1\frac{4}{7} \\ = \frac{66}{35} = 1\frac{31}{35}$$

$$8. 1\frac{1}{2} \times 4\frac{1}{5} \\ = \frac{63}{10} = 6\frac{3}{10}$$

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

## Multiplying Fractions (H)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions (H) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{1}{3} \times 2\frac{1}{7} \\ = \frac{20}{7} = 2\frac{6}{7}$$

$$5. 1\frac{5}{11} \times 1\frac{3}{4} \\ = \frac{28}{11} = 2\frac{6}{11}$$

$$9. 1\frac{1}{2} \times 9\frac{1}{2} \\ = \frac{57}{4} = 14\frac{1}{4}$$

$$2. 2\frac{3}{7} \times 1\frac{2}{3} \\ = \frac{85}{21} = 4\frac{1}{21}$$

$$6. 1\frac{3}{11} \times 1\frac{1}{2} \\ = \frac{21}{11} = 1\frac{10}{11}$$

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

$$3. 2\frac{3}{4} \times 1\frac{2}{3} \\ = \frac{55}{12} = 4\frac{7}{12}$$

$$7. 1\frac{7}{11} \times 1\frac{1}{8} \\ = \frac{81}{44} = 1\frac{37}{44}$$

$$11. 1\frac{1}{5} \times 1\frac{5}{9} \\ = \frac{28}{15} = 1\frac{13}{15}$$

$$4. 3\frac{1}{2} \times 1\frac{7}{9} \\ = \frac{56}{9} = 6\frac{2}{9}$$

$$8. 1\frac{1}{3} \times 1\frac{5}{6} \\ = \frac{22}{9} = 2\frac{4}{9}$$

$$12. 2\frac{1}{4} \times 3\frac{1}{5} \\ = \frac{36}{5} = 7\frac{1}{5}$$

## Multiplying Fractions (I)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

3.  $1\frac{7}{11} \times 3\frac{2}{3}$

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

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

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

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

12.  $3\frac{3}{7} \times 3\frac{5}{6}$

## Multiplying Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 4\frac{2}{3} \times 1\frac{1}{8} \\ & = \frac{21}{4} = 5\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 5. \quad & 3\frac{1}{3} \times 1\frac{7}{8} \\ & = \frac{25}{4} = 6\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2\frac{2}{5} \times 3\frac{2}{3} \\ & = \frac{44}{5} = 8\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{1}{3} \times 1\frac{1}{8} \\ & = \frac{21}{8} = 2\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{4} \times 1\frac{1}{2} \\ & = \frac{27}{8} = 3\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3\frac{1}{7} \times 2\frac{1}{4} \\ & = \frac{99}{14} = 7\frac{1}{14} \end{aligned}$$

$$\begin{aligned} 3. \quad & 1\frac{7}{11} \times 3\frac{2}{3} \\ & = 6 \end{aligned}$$

$$\begin{aligned} 7. \quad & 5\frac{2}{3} \times 1\frac{5}{7} \\ & = \frac{68}{7} = 9\frac{5}{7} \end{aligned}$$

$$\begin{aligned} 11. \quad & 3\frac{3}{4} \times 4\frac{1}{3} \\ & = \frac{65}{4} = 16\frac{1}{4} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 2\frac{1}{2} \times 1\frac{2}{7} \\ & = \frac{45}{14} = 3\frac{3}{14} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{3}{7} \times 3\frac{5}{6} \\ & = \frac{92}{7} = 13\frac{1}{7} \end{aligned}$$

## Multiplying Fractions (J)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

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

## Multiplying Fractions (J) Answers

Find the value of each expression in lowest terms.

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

$$5. 1\frac{2}{3} \times 2\frac{1}{8} \\ = \frac{85}{24} = 3\frac{13}{24}$$

$$9. 2\frac{1}{2} \times 1\frac{5}{11} \\ = \frac{40}{11} = 3\frac{7}{11}$$

$$2. 2\frac{1}{10} \times 1\frac{5}{6} \\ = \frac{77}{20} = 3\frac{17}{20}$$

$$6. 1\frac{2}{9} \times 1\frac{1}{11} \\ = \frac{4}{3} = 1\frac{1}{3}$$

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

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

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

$$11. 2\frac{2}{11} \times 2\frac{1}{5} \\ = \frac{24}{5} = 4\frac{4}{5}$$

$$4. 1\frac{5}{6} \times 2\frac{4}{5} \\ = \frac{77}{15} = 5\frac{2}{15}$$

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

$$12. 3\frac{3}{4} \times 1\frac{1}{2} \\ = \frac{45}{8} = 5\frac{5}{8}$$