

## Multiplying and Dividing Mixed Fractions (A)

Find the value of each expression in lowest terms.

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

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

11.  $1\frac{3}{8} \div 1\frac{1}{12}$

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

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

12.  $2\frac{7}{8} \div 5\frac{1}{2}$

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

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

13.  $3\frac{2}{3} \div 1\frac{1}{6}$

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

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

14.  $1\frac{3}{8} \times 3\frac{1}{3}$

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

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

15.  $1\frac{4}{11} \div 1\frac{1}{4}$

## Multiplying and Dividing Mixed Fractions (A) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{2}{7} \div 1\frac{1}{4} \\ & = \frac{92}{35} = 2\frac{22}{35} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{1}{3} \times 1\frac{2}{3} \\ & = \frac{20}{9} = 2\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{3}{8} \div 1\frac{1}{12} \\ & = \frac{33}{26} = 1\frac{7}{26} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{2}{3} \div 3\frac{1}{3} \\ & = \frac{1}{2} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{1}{3} \times 2\frac{1}{5} \\ & = \frac{44}{15} = 2\frac{14}{15} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{7}{8} \div 5\frac{1}{2} \\ & = \frac{23}{44} \end{aligned}$$

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

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

$$\begin{aligned} 13. \quad & 3\frac{2}{3} \div 1\frac{1}{6} \\ & = \frac{22}{7} = 3\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 4. \quad & 6\frac{1}{2} \div 2\frac{2}{3} \\ & = \frac{39}{16} = 2\frac{7}{16} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{11} \div 2\frac{1}{3} \\ & = \frac{6}{11} \end{aligned}$$

$$\begin{aligned} 14. \quad & 1\frac{3}{8} \times 3\frac{1}{3} \\ & = \frac{55}{12} = 4\frac{7}{12} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{1}{10} \div 2\frac{3}{5} \\ & = \frac{21}{26} \end{aligned}$$

$$\begin{aligned} 10. \quad & 3\frac{1}{2} \div 2\frac{3}{4} \\ & = \frac{14}{11} = 1\frac{3}{11} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{4}{11} \div 1\frac{1}{4} \\ & = \frac{12}{11} = 1\frac{1}{11} \end{aligned}$$

## Multiplying and Dividing Mixed Fractions (B)

Find the value of each expression in lowest terms.

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

6.  $4\frac{3}{4} \div 2\frac{3}{8}$

11.  $2\frac{5}{6} \div 2\frac{1}{3}$

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

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

12.  $11\frac{1}{2} \div 3\frac{1}{3}$

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

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

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

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

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

14.  $3\frac{2}{3} \div 2\frac{2}{5}$

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

10.  $7\frac{1}{2} \div 4\frac{1}{4}$

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

## Multiplying and Dividing Mixed Fractions (B) Answers

Find the value of each expression in lowest terms.

$$1. \quad 1\frac{3}{4} \div 1\frac{1}{3} \\ = \frac{21}{16} = 1\frac{5}{16}$$

$$6. \quad 4\frac{3}{4} \div 2\frac{3}{8} \\ = 2$$

$$11. \quad 2\frac{5}{6} \div 2\frac{1}{3} \\ = \frac{17}{14} = 1\frac{3}{14}$$

$$2. \quad 4\frac{1}{3} \div 2\frac{1}{4} \\ = \frac{52}{27} = 1\frac{25}{27}$$

$$7. \quad 4\frac{1}{3} \div 1\frac{2}{5} \\ = \frac{65}{21} = 3\frac{2}{21}$$

$$12. \quad 11\frac{1}{2} \div 3\frac{1}{3} \\ = \frac{69}{20} = 3\frac{9}{20}$$

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

$$8. \quad 1\frac{2}{3} \times 2\frac{3}{4} \\ = \frac{55}{12} = 4\frac{7}{12}$$

$$13. \quad 2\frac{1}{5} \times 1\frac{3}{4} \\ = \frac{77}{20} = 3\frac{17}{20}$$

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

$$9. \quad 1\frac{1}{9} \times 2\frac{1}{8} \\ = \frac{85}{36} = 2\frac{13}{36}$$

$$14. \quad 3\frac{2}{3} \div 2\frac{2}{5} \\ = \frac{55}{36} = 1\frac{19}{36}$$

$$5. \quad 1\frac{3}{8} \times 1\frac{1}{4} \\ = \frac{55}{32} = 1\frac{23}{32}$$

$$10. \quad 7\frac{1}{2} \div 4\frac{1}{4} \\ = \frac{30}{17} = 1\frac{13}{17}$$

$$15. \quad 2\frac{1}{6} \times 1\frac{1}{5} \\ = \frac{13}{5} = 2\frac{3}{5}$$

## Multiplying and Dividing Mixed Fractions (C)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

14.  $1\frac{1}{2} \div 3\frac{1}{2}$

5.  $1\frac{4}{7} \times 2\frac{1}{10}$

10.  $2\frac{4}{7} \div 1\frac{1}{2}$

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

## Multiplying and Dividing Mixed Fractions (C) Answers

Find the value of each expression in lowest terms.

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

$$6. \quad 1\frac{1}{2} \times 2\frac{2}{7} \\ = \frac{24}{7} = 3\frac{3}{7}$$

$$11. \quad 2\frac{1}{2} \div 1\frac{3}{8} \\ = \frac{20}{11} = 1\frac{9}{11}$$

$$2. \quad 2\frac{3}{7} \div 1\frac{3}{7} \\ = \frac{17}{10} = 1\frac{7}{10}$$

$$7. \quad 1\frac{1}{3} \div 2\frac{1}{5} \\ = \frac{20}{33}$$

$$12. \quad 1\frac{1}{9} \times 1\frac{2}{7} \\ = \frac{10}{7} = 1\frac{3}{7}$$

$$3. \quad 1\frac{1}{6} \div 1\frac{3}{11} \\ = \frac{11}{12}$$

$$8. \quad 6\frac{1}{2} \div 2\frac{1}{7} \\ = \frac{91}{30} = 3\frac{1}{30}$$

$$13. \quad 1\frac{3}{4} \times 2\frac{2}{3} \\ = \frac{14}{3} = 4\frac{2}{3}$$

$$4. \quad 2\frac{4}{5} \times 3\frac{1}{4} \\ = \frac{91}{10} = 9\frac{1}{10}$$

$$9. \quad 2\frac{1}{4} \times 1\frac{1}{4} \\ = \frac{45}{16} = 2\frac{13}{16}$$

$$14. \quad 1\frac{1}{2} \div 3\frac{1}{2} \\ = \frac{3}{7}$$

$$5. \quad 1\frac{4}{7} \times 2\frac{1}{10} \\ = \frac{33}{10} = 3\frac{3}{10}$$

$$10. \quad 2\frac{4}{7} \div 1\frac{1}{2} \\ = \frac{12}{7} = 1\frac{5}{7}$$

$$15. \quad 2\frac{5}{8} \times 2\frac{1}{6} \\ = \frac{91}{16} = 5\frac{11}{16}$$

## Multiplying and Dividing Mixed Fractions (D)

Find the value of each expression in lowest terms.

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

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

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

2.  $1\frac{7}{9} \div 1\frac{2}{3}$

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

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

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

8.  $5\frac{3}{4} \div 3\frac{2}{3}$

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

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

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

14.  $1\frac{1}{5} \div 2\frac{2}{11}$

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

10.  $2\frac{1}{4} \div 7\frac{1}{2}$

15.  $1\frac{1}{4} \times 2\frac{6}{7}$

## Multiplying and Dividing Mixed Fractions (D) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{3}{5} \times 1\frac{7}{12} \\ = \frac{38}{15} = 2\frac{8}{15}$$

$$6. 2\frac{1}{3} \times 1\frac{2}{9} \\ = \frac{77}{27} = 2\frac{23}{27}$$

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

$$2. 1\frac{7}{9} \div 1\frac{2}{3} \\ = \frac{16}{15} = 1\frac{1}{15}$$

$$7. 7\frac{1}{3} \times 2\frac{2}{11} \\ = 16$$

$$12. 1\frac{1}{2} \times 3\frac{1}{6} \\ = \frac{19}{4} = 4\frac{3}{4}$$

$$3. 2\frac{2}{3} \times 3\frac{3}{5} \\ = \frac{48}{5} = 9\frac{3}{5}$$

$$8. 5\frac{3}{4} \div 3\frac{2}{3} \\ = \frac{69}{44} = 1\frac{25}{44}$$

$$13. 4\frac{1}{4} \times 1\frac{3}{5} \\ = \frac{34}{5} = 6\frac{4}{5}$$

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

$$9. 2\frac{1}{2} \times 2\frac{2}{9} \\ = \frac{50}{9} = 5\frac{5}{9}$$

$$14. 1\frac{1}{5} \div 2\frac{2}{11} \\ = \frac{11}{20}$$

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

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

$$15. 1\frac{1}{4} \times 2\frac{6}{7} \\ = \frac{25}{7} = 3\frac{4}{7}$$

## Multiplying and Dividing Mixed Fractions (E)

Find the value of each expression in lowest terms.

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

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

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

2.  $1\frac{11}{12} \div 1\frac{1}{9}$

7.  $2\frac{6}{7} \div 1\frac{1}{9}$

12.  $3\frac{5}{6} \times 2\frac{1}{4}$

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

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

13.  $1\frac{7}{12} \times 1\frac{1}{4}$

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

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

14.  $5\frac{1}{2} \div 1\frac{2}{7}$

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

10.  $2\frac{1}{3} \div 2\frac{5}{9}$

15.  $1\frac{3}{11} \div 1\frac{1}{2}$

## Multiplying and Dividing Mixed Fractions (E) Answers

Find the value of each expression in lowest terms.

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

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

$$\begin{aligned} 11. \quad & 1\frac{1}{3} \div 1\frac{2}{7} \\ & = \frac{28}{27} = 1\frac{1}{27} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{11}{12} \div 1\frac{1}{9} \\ & = \frac{69}{40} = 1\frac{29}{40} \end{aligned}$$

$$\begin{aligned} 7. \quad & 2\frac{6}{7} \div 1\frac{1}{9} \\ & = \frac{18}{7} = 2\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{5}{6} \times 2\frac{1}{4} \\ & = \frac{69}{8} = 8\frac{5}{8} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 2\frac{1}{4} \div 1\frac{5}{8} \\ & = \frac{18}{13} = 1\frac{5}{13} \end{aligned}$$

$$\begin{aligned} 13. \quad & 1\frac{7}{12} \times 1\frac{1}{4} \\ & = \frac{95}{48} = 1\frac{47}{48} \end{aligned}$$

$$\begin{aligned} 4. \quad & 1\frac{1}{11} \div 1\frac{1}{3} \\ & = \frac{9}{11} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{1}{2} \times 3\frac{2}{7} \\ & = \frac{69}{14} = 4\frac{13}{14} \end{aligned}$$

$$\begin{aligned} 14. \quad & 5\frac{1}{2} \div 1\frac{2}{7} \\ & = \frac{77}{18} = 4\frac{5}{18} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{2}{3} \times 1\frac{3}{10} \\ & = \frac{52}{15} = 3\frac{7}{15} \end{aligned}$$

$$\begin{aligned} 10. \quad & 2\frac{1}{3} \div 2\frac{5}{9} \\ & = \frac{21}{23} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{3}{11} \div 1\frac{1}{2} \\ & = \frac{28}{33} \end{aligned}$$

## Multiplying and Dividing Mixed Fractions (F)

Find the value of each expression in lowest terms.

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

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

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

2.  $2\frac{7}{8} \div 1\frac{7}{12}$

7.  $1\frac{5}{7} \div 1\frac{1}{8}$

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

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

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

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

4.  $2\frac{2}{7} \div 1\frac{1}{2}$

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

14.  $2\frac{3}{7} \times 3\frac{1}{2}$

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

10.  $3\frac{3}{5} \div 1\frac{1}{3}$

15.  $1\frac{7}{8} \times 1\frac{1}{2}$

## Multiplying and Dividing Mixed Fractions (F) Answers

Find the value of each expression in lowest terms.

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

$$\begin{aligned} 6. \quad & 1\frac{10}{11} \div 1\frac{4}{11} \\ & = \frac{7}{5} = 1\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 11. \quad & 6\frac{1}{3} \div 1\frac{1}{3} \\ & = \frac{19}{4} = 4\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 2. \quad & 2\frac{7}{8} \div 1\frac{7}{12} \\ & = \frac{69}{38} = 1\frac{31}{38} \end{aligned}$$

$$\begin{aligned} 7. \quad & 1\frac{5}{7} \div 1\frac{1}{8} \\ & = \frac{32}{21} = 1\frac{11}{21} \end{aligned}$$

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

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

$$\begin{aligned} 8. \quad & 2\frac{2}{3} \times 2\frac{1}{5} \\ & = \frac{88}{15} = 5\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 13. \quad & 1\frac{3}{8} \times 2\frac{2}{5} \\ & = \frac{33}{10} = 3\frac{3}{10} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{2}{7} \div 1\frac{1}{2} \\ & = \frac{32}{21} = 1\frac{11}{21} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{4} \times 3\frac{1}{3} \\ & = \frac{35}{6} = 5\frac{5}{6} \end{aligned}$$

$$\begin{aligned} 14. \quad & 2\frac{3}{7} \times 3\frac{1}{2} \\ & = \frac{17}{2} = 8\frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 10. \quad & 3\frac{3}{5} \div 1\frac{1}{3} \\ & = \frac{27}{10} = 2\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 15. \quad & 1\frac{7}{8} \times 1\frac{1}{2} \\ & = \frac{45}{16} = 2\frac{13}{16} \end{aligned}$$

## Multiplying and Dividing Mixed Fractions (G)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

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

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

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

14.  $9\frac{1}{2} \div 5\frac{1}{2}$

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

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

15.  $1\frac{4}{7} \times 1\frac{1}{6}$

## Multiplying and Dividing Mixed Fractions (G) Answers

Find the value of each expression in lowest terms.

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

$$6. 3\frac{2}{3} \div 2\frac{1}{7} \\ = \frac{77}{45} = 1\frac{32}{45}$$

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

$$2. 1\frac{3}{7} \times 4\frac{1}{2} \\ = \frac{45}{7} = 6\frac{3}{7}$$

$$7. 4\frac{1}{3} \times 4\frac{1}{5} \\ = \frac{91}{5} = 18\frac{1}{5}$$

$$12. 2\frac{1}{2} \div 1\frac{1}{11} \\ = \frac{55}{24} = 2\frac{7}{24}$$

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

$$8. 1\frac{1}{2} \times 1\frac{6}{11} \\ = \frac{51}{22} = 2\frac{7}{22}$$

$$13. 1\frac{2}{3} \times 3\frac{2}{3} \\ = \frac{55}{9} = 6\frac{1}{9}$$

$$4. 3\frac{4}{5} \div 2\frac{1}{3} \\ = \frac{57}{35} = 1\frac{22}{35}$$

$$9. 2\frac{2}{9} \times 1\frac{3}{5} \\ = \frac{32}{9} = 3\frac{5}{9}$$

$$14. 9\frac{1}{2} \div 5\frac{1}{2} \\ = \frac{19}{11} = 1\frac{8}{11}$$

$$5. 1\frac{1}{2} \times 1\frac{3}{11} \\ = \frac{21}{11} = 1\frac{10}{11}$$

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

$$15. 1\frac{4}{7} \times 1\frac{1}{6} \\ = \frac{11}{6} = 1\frac{5}{6}$$

## Multiplying and Dividing Mixed Fractions (H)

Find the value of each expression in lowest terms.

1.  $1\frac{7}{10} \div 3\frac{2}{5}$

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

11.  $1\frac{4}{7} \div 2\frac{1}{2}$

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

7.  $2\frac{5}{6} \div 2\frac{1}{2}$

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

3.  $3\frac{4}{5} \times 2\frac{6}{7}$

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

13.  $6\frac{1}{2} \div 2\frac{4}{5}$

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

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

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

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

10.  $4\frac{2}{5} \times 1\frac{4}{11}$

15.  $2\frac{1}{4} \div 1\frac{1}{4}$

## Multiplying and Dividing Mixed Fractions (H) Answers

Find the value of each expression in lowest terms.

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

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

$$11. 1\frac{4}{7} \div 2\frac{1}{2} \\ = \frac{22}{35}$$

$$2. 2\frac{1}{2} \div 1\frac{1}{3} \\ = \frac{15}{8} = 1\frac{7}{8}$$

$$7. 2\frac{5}{6} \div 2\frac{1}{2} \\ = \frac{17}{15} = 1\frac{2}{15}$$

$$12. 5\frac{3}{4} \div 4\frac{1}{2} \\ = \frac{23}{18} = 1\frac{5}{18}$$

$$3. 3\frac{4}{5} \times 2\frac{6}{7} \\ = \frac{76}{7} = 10\frac{6}{7}$$

$$8. 1\frac{1}{8} \times 3\frac{1}{2} \\ = \frac{63}{16} = 3\frac{15}{16}$$

$$13. 6\frac{1}{2} \div 2\frac{4}{5} \\ = \frac{65}{28} = 2\frac{9}{28}$$

$$4. 3\frac{2}{5} \div 3\frac{3}{5} \\ = \frac{17}{18}$$

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

$$14. 4\frac{1}{2} \times 3\frac{1}{5} \\ = \frac{72}{5} = 14\frac{2}{5}$$

$$5. 1\frac{5}{8} \times 1\frac{1}{2} \\ = \frac{39}{16} = 2\frac{7}{16}$$

$$10. 4\frac{2}{5} \times 1\frac{4}{11} \\ = 6$$

$$15. 2\frac{1}{4} \div 1\frac{1}{4} \\ = \frac{9}{5} = 1\frac{4}{5}$$

## Multiplying and Dividing Mixed Fractions (I)

Find the value of each expression in lowest terms.

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

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

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

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

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

12.  $3\frac{5}{6} \div 2\frac{3}{10}$

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

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

13.  $3\frac{1}{2} \div 1\frac{1}{2}$

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

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

14.  $4\frac{1}{2} \times 2\frac{1}{2}$

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

10.  $1\frac{1}{6} \div 2\frac{4}{5}$

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

## Multiplying and Dividing Mixed Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 3\frac{2}{5} \div 1\frac{2}{5} \\ & = \frac{17}{7} = 2\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{2}{3} \times 2\frac{1}{5} \\ & = \frac{88}{15} = 5\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{1}{5} \times 2\frac{1}{7} \\ & = \frac{18}{7} = 2\frac{4}{7} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 1\frac{1}{3} \times 2\frac{2}{11} \\ & = \frac{32}{11} = 2\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 12. \quad & 3\frac{5}{6} \div 2\frac{3}{10} \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 2\frac{2}{3} \times 2\frac{1}{3} \\ & = \frac{56}{9} = 6\frac{2}{9} \end{aligned}$$

$$\begin{aligned} 13. \quad & 3\frac{1}{2} \div 1\frac{1}{2} \\ & = \frac{7}{3} = 2\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 4. \quad & 2\frac{1}{5} \div 3\frac{1}{2} \\ & = \frac{22}{35} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{3}{10} \times 2\frac{2}{3} \\ & = \frac{52}{15} = 3\frac{7}{15} \end{aligned}$$

$$\begin{aligned} 14. \quad & 4\frac{1}{2} \times 2\frac{1}{2} \\ & = \frac{45}{4} = 11\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{4}{7} \times 1\frac{1}{6} \\ & = \frac{11}{6} = 1\frac{5}{6} \end{aligned}$$

$$\begin{aligned} 10. \quad & 1\frac{1}{6} \div 2\frac{4}{5} \\ & = \frac{5}{12} \end{aligned}$$

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

## Multiplying and Dividing Mixed Fractions (J)

Find the value of each expression in lowest terms.

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

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

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

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

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

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

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

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

13.  $4\frac{4}{5} \div 1\frac{10}{11}$

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

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

14.  $3\frac{5}{6} \div 1\frac{1}{3}$

5.  $2\frac{6}{7} \div 2\frac{1}{2}$

10.  $2\frac{4}{5} \div 1\frac{7}{10}$

15.  $4\frac{1}{4} \div 1\frac{1}{4}$

## Multiplying and Dividing Mixed Fractions (J) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 2\frac{1}{10} \times 1\frac{7}{9} \\ & = \frac{56}{15} = 3\frac{11}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & 1\frac{4}{5} \times 1\frac{1}{2} \\ & = \frac{27}{10} = 2\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 11. \quad & 3\frac{1}{2} \times 4\frac{2}{5} \\ & = \frac{77}{5} = 15\frac{2}{5} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & 2\frac{4}{5} \times 2\frac{3}{7} \\ & = \frac{34}{5} = 6\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{2}{11} \times 1\frac{2}{3} \\ & = \frac{40}{11} = 3\frac{7}{11} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 4\frac{1}{3} \div 2\frac{2}{5} \\ & = \frac{65}{36} = 1\frac{29}{36} \end{aligned}$$

$$\begin{aligned} 13. \quad & 4\frac{4}{5} \div 1\frac{10}{11} \\ & = \frac{88}{35} = 2\frac{18}{35} \end{aligned}$$

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

$$\begin{aligned} 9. \quad & 2\frac{6}{7} \div 1\frac{1}{3} \\ & = \frac{15}{7} = 2\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 14. \quad & 3\frac{5}{6} \div 1\frac{1}{3} \\ & = \frac{23}{8} = 2\frac{7}{8} \end{aligned}$$

$$\begin{aligned} 5. \quad & 2\frac{6}{7} \div 2\frac{1}{2} \\ & = \frac{8}{7} = 1\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 10. \quad & 2\frac{4}{5} \div 1\frac{7}{10} \\ & = \frac{28}{17} = 1\frac{11}{17} \end{aligned}$$

$$\begin{aligned} 15. \quad & 4\frac{1}{4} \div 1\frac{1}{4} \\ & = \frac{17}{5} = 3\frac{2}{5} \end{aligned}$$