

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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.

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

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

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

$$\begin{aligned} 2. \quad & 2\frac{3}{7} \div 1\frac{3}{7} \\ & = \frac{17}{10} = 1\frac{7}{10} \end{aligned}$$

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

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

$$\begin{aligned} 3. \quad & 1\frac{1}{6} \div 1\frac{3}{11} \\ & = \frac{11}{12} \end{aligned}$$

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

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

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

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

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

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

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

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

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.

$$\begin{aligned} 1. \quad & 1\frac{3}{5} \times 1\frac{7}{12} \\ & = \frac{38}{15} = 2\frac{8}{15} \end{aligned}$$

$$\begin{aligned} 6. \quad & 2\frac{1}{3} \times 1\frac{2}{9} \\ & = \frac{77}{27} = 2\frac{23}{27} \end{aligned}$$

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

$$\begin{aligned} 2. \quad & 1\frac{7}{9} \div 1\frac{2}{3} \\ & = \frac{16}{15} = 1\frac{1}{15} \end{aligned}$$

$$\begin{aligned} 7. \quad & 7\frac{1}{3} \times 2\frac{2}{11} \\ & = 16 \end{aligned}$$

$$\begin{aligned} 12. \quad & 1\frac{1}{2} \times 3\frac{1}{6} \\ & = \frac{19}{4} = 4\frac{3}{4} \end{aligned}$$

$$\begin{aligned} 3. \quad & 2\frac{2}{3} \times 3\frac{3}{5} \\ & = \frac{48}{5} = 9\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 8. \quad & 5\frac{3}{4} \div 3\frac{2}{3} \\ & = \frac{69}{44} = 1\frac{25}{44} \end{aligned}$$

$$\begin{aligned} 13. \quad & 4\frac{1}{4} \times 1\frac{3}{5} \\ & = \frac{34}{5} = 6\frac{4}{5} \end{aligned}$$

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

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

$$\begin{aligned} 14. \quad & 1\frac{1}{5} \div 2\frac{2}{11} \\ & = \frac{11}{20} \end{aligned}$$

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

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

$$\begin{aligned} 15. \quad & 1\frac{1}{4} \times 2\frac{6}{7} \\ & = \frac{25}{7} = 3\frac{4}{7} \end{aligned}$$

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.

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

$$\begin{aligned} 6. \quad & 3\frac{2}{3} \div 2\frac{1}{7} \\ & = \frac{77}{45} = 1\frac{32}{45} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{3}{4} \div 1\frac{1}{2} \\ & = \frac{7}{6} = 1\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 2. \quad & 1\frac{3}{7} \times 4\frac{1}{2} \\ & = \frac{45}{7} = 6\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 7. \quad & 4\frac{1}{3} \times 4\frac{1}{5} \\ & = \frac{91}{5} = 18\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad & 2\frac{1}{2} \div 1\frac{1}{11} \\ & = \frac{55}{24} = 2\frac{7}{24} \end{aligned}$$

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

$$\begin{aligned} 8. \quad & 1\frac{1}{2} \times 1\frac{6}{11} \\ & = \frac{51}{22} = 2\frac{7}{22} \end{aligned}$$

$$\begin{aligned} 13. \quad & 1\frac{2}{3} \times 3\frac{2}{3} \\ & = \frac{55}{9} = 6\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 4. \quad & 3\frac{4}{5} \div 2\frac{1}{3} \\ & = \frac{57}{35} = 1\frac{22}{35} \end{aligned}$$

$$\begin{aligned} 9. \quad & 2\frac{2}{9} \times 1\frac{3}{5} \\ & = \frac{32}{9} = 3\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 14. \quad & 9\frac{1}{2} \div 5\frac{1}{2} \\ & = \frac{19}{11} = 1\frac{8}{11} \end{aligned}$$

$$\begin{aligned} 5. \quad & 1\frac{1}{2} \times 1\frac{3}{11} \\ & = \frac{21}{11} = 1\frac{10}{11} \end{aligned}$$

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

$$\begin{aligned} 15. \quad & 1\frac{4}{7} \times 1\frac{1}{6} \\ & = \frac{11}{6} = 1\frac{5}{6} \end{aligned}$$

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.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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