

## Adding and Subtracting Fractions (A)

Find the value of each expression in lowest terms.

1.  $\frac{23}{6} - \frac{5}{6}$

5.  $\frac{23}{9} + \frac{17}{9}$

9.  $\frac{20}{7} - \frac{15}{7}$

2.  $\frac{21}{8} - \frac{3}{8}$

6.  $\frac{7}{3} - \frac{1}{3}$

10.  $\frac{13}{6} - \frac{5}{6}$

3.  $\frac{21}{4} + \frac{17}{4}$

7.  $\frac{1}{6} + \frac{13}{6}$

11.  $\frac{17}{8} + \frac{3}{8}$

4.  $\frac{17}{9} - \frac{17}{9}$

8.  $\frac{23}{2} - \frac{19}{2}$

12.  $\frac{17}{10} + \frac{13}{10}$

## Adding and Subtracting Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. \frac{23}{6} - \frac{5}{6} \\ = 3$$

$$5. \frac{23}{9} + \frac{17}{9} \\ = \frac{40}{9} = 4\frac{4}{9}$$

$$9. \frac{20}{7} - \frac{15}{7} \\ = \frac{5}{7}$$

$$2. \frac{21}{8} - \frac{3}{8} \\ = \frac{9}{4} = 2\frac{1}{4}$$

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

$$10. \frac{13}{6} - \frac{5}{6} \\ = \frac{4}{3} = 1\frac{1}{3}$$

$$3. \frac{21}{4} + \frac{17}{4} \\ = \frac{19}{2} = 9\frac{1}{2}$$

$$7. \frac{1}{6} + \frac{13}{6} \\ = \frac{7}{3} = 2\frac{1}{3}$$

$$11. \frac{17}{8} + \frac{3}{8} \\ = \frac{5}{2} = 2\frac{1}{2}$$

$$4. \frac{17}{9} - \frac{17}{9} \\ = 0$$

$$8. \frac{23}{2} - \frac{19}{2} \\ = 2$$

$$12. \frac{17}{10} + \frac{13}{10} \\ = 3$$

## Adding and Subtracting Fractions (B)

Find the value of each expression in lowest terms.

1.  $\frac{17}{4} - \frac{1}{4}$

5.  $\frac{7}{5} + \frac{11}{5}$

9.  $\frac{8}{5} - \frac{4}{5}$

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

6.  $\frac{11}{4} - \frac{7}{4}$

10.  $\frac{12}{7} - \frac{6}{7}$

3.  $\frac{19}{5} + \frac{19}{5}$

7.  $\frac{14}{9} + \frac{1}{9}$

11.  $\frac{9}{7} + \frac{12}{7}$

4.  $\frac{19}{10} - \frac{9}{10}$

8.  $\frac{18}{7} + \frac{1}{7}$

12.  $\frac{9}{4} - \frac{7}{4}$

## Adding and Subtracting Fractions (B) Answers

Find the value of each expression in lowest terms.

$$1. \frac{17}{4} - \frac{1}{4} \\ = 4$$

$$5. \frac{7}{5} + \frac{11}{5} \\ = \frac{18}{5} = 3\frac{3}{5}$$

$$9. \frac{8}{5} - \frac{4}{5} \\ = \frac{4}{5}$$

$$2. \frac{9}{7} - \frac{1}{7} \\ = \frac{8}{7} = 1\frac{1}{7}$$

$$6. \frac{11}{4} - \frac{7}{4} \\ = 1$$

$$10. \frac{12}{7} - \frac{6}{7} \\ = \frac{6}{7}$$

$$3. \frac{19}{5} + \frac{19}{5} \\ = \frac{38}{5} = 7\frac{3}{5}$$

$$7. \frac{14}{9} + \frac{1}{9} \\ = \frac{5}{3} = 1\frac{2}{3}$$

$$11. \frac{9}{7} + \frac{12}{7} \\ = 3$$

$$4. \frac{19}{10} - \frac{9}{10} \\ = 1$$

$$8. \frac{18}{7} + \frac{1}{7} \\ = \frac{19}{7} = 2\frac{5}{7}$$

$$12. \frac{9}{4} - \frac{7}{4} \\ = \frac{1}{2}$$

## Adding and Subtracting Fractions (C)

Find the value of each expression in lowest terms.

1.  $\frac{14}{5} - \frac{1}{5}$

5.  $\frac{22}{3} + \frac{5}{3}$

9.  $\frac{3}{8} - \frac{3}{8}$

2.  $\frac{20}{7} - \frac{6}{7}$

6.  $\frac{14}{3} - \frac{14}{3}$

10.  $\frac{2}{3} + \frac{13}{3}$

3.  $\frac{17}{4} - \frac{3}{4}$

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

11.  $\frac{20}{9} - \frac{16}{9}$

4.  $\frac{15}{4} - \frac{9}{4}$

8.  $\frac{10}{9} + \frac{22}{9}$

12.  $\frac{9}{11} + \frac{8}{11}$

## Adding and Subtracting Fractions (C) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{14}{5} - \frac{1}{5} \\ & = \frac{13}{5} = 2\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{22}{3} + \frac{5}{3} \\ & = 9 \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{3}{8} - \frac{3}{8} \\ & = 0 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{20}{7} - \frac{6}{7} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{14}{3} - \frac{14}{3} \\ & = 0 \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{2}{3} + \frac{13}{3} \\ & = 5 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{17}{4} - \frac{3}{4} \\ & = \frac{7}{2} = 3\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{16}{3} - \frac{1}{3} \\ & = 5 \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{20}{9} - \frac{16}{9} \\ & = \frac{4}{9} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{15}{4} - \frac{9}{4} \\ & = \frac{3}{2} = 1\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{10}{9} + \frac{22}{9} \\ & = \frac{32}{9} = 3\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{9}{11} + \frac{8}{11} \\ & = \frac{17}{11} = 1\frac{6}{11} \end{aligned}$$

## Adding and Subtracting Fractions (D)

Find the value of each expression in lowest terms.

1.  $\frac{13}{2} - \frac{1}{2}$

5.  $\frac{19}{4} - \frac{13}{4}$

9.  $\frac{16}{9} - \frac{4}{9}$

2.  $\frac{5}{2} + \frac{15}{2}$

6.  $\frac{7}{12} + \frac{17}{12}$

10.  $\frac{21}{2} + \frac{7}{2}$

3.  $\frac{11}{2} + \frac{19}{2}$

7.  $\frac{1}{12} + \frac{23}{12}$

11.  $\frac{8}{5} + \frac{3}{5}$

4.  $\frac{10}{7} + \frac{3}{7}$

8.  $\frac{3}{7} + \frac{17}{7}$

12.  $\frac{19}{12} - \frac{17}{12}$

## Adding and Subtracting Fractions (D) Answers

Find the value of each expression in lowest terms.

$$1. \frac{13}{2} - \frac{1}{2} \\ = 6$$

$$5. \frac{19}{4} - \frac{13}{4} \\ = \frac{3}{2} = 1\frac{1}{2}$$

$$9. \frac{16}{9} - \frac{4}{9} \\ = \frac{4}{3} = 1\frac{1}{3}$$

$$2. \frac{5}{2} + \frac{15}{2} \\ = 10$$

$$6. \frac{7}{12} + \frac{17}{12} \\ = 2$$

$$10. \frac{21}{2} + \frac{7}{2} \\ = 14$$

$$3. \frac{11}{2} + \frac{19}{2} \\ = 15$$

$$7. \frac{1}{12} + \frac{23}{12} \\ = 2$$

$$11. \frac{8}{5} + \frac{3}{5} \\ = \frac{11}{5} = 2\frac{1}{5}$$

$$4. \frac{10}{7} + \frac{3}{7} \\ = \frac{13}{7} = 1\frac{6}{7}$$

$$8. \frac{3}{7} + \frac{17}{7} \\ = \frac{20}{7} = 2\frac{6}{7}$$

$$12. \frac{19}{12} - \frac{17}{12} \\ = \frac{1}{6}$$

## Adding and Subtracting Fractions (E)

Find the value of each expression in lowest terms.

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

5.  $\frac{23}{3} - \frac{4}{3}$

9.  $\frac{15}{7} - \frac{10}{7}$

2.  $\frac{17}{3} - \frac{11}{3}$

6.  $\frac{3}{11} + \frac{18}{11}$

10.  $\frac{19}{6} - \frac{17}{6}$

3.  $\frac{3}{10} - \frac{3}{10}$

7.  $\frac{5}{2} + \frac{19}{2}$

11.  $\frac{19}{4} + \frac{19}{4}$

4.  $\frac{24}{7} - \frac{17}{7}$

8.  $\frac{1}{4} - \frac{1}{4}$

12.  $\frac{5}{7} - \frac{4}{7}$

## Adding and Subtracting Fractions (E) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{7}{5} + \frac{9}{5} \\ & = \frac{16}{5} = 3\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{23}{3} - \frac{4}{3} \\ & = \frac{19}{3} = 6\frac{1}{3} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{15}{7} - \frac{10}{7} \\ & = \frac{5}{7} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{17}{3} - \frac{11}{3} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{3}{11} + \frac{18}{11} \\ & = \frac{21}{11} = 1\frac{10}{11} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{19}{6} - \frac{17}{6} \\ & = \frac{1}{3} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{3}{10} - \frac{3}{10} \\ & = 0 \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{5}{2} + \frac{19}{2} \\ & = 12 \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{19}{4} + \frac{19}{4} \\ & = \frac{19}{2} = 9\frac{1}{2} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{24}{7} - \frac{17}{7} \\ & = 1 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{1}{4} - \frac{1}{4} \\ & = 0 \end{aligned}$$

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

## Adding and Subtracting Fractions (F)

Find the value of each expression in lowest terms.

1.  $\frac{18}{7} - \frac{8}{7}$

5.  $\frac{6}{7} + \frac{16}{7}$

9.  $\frac{1}{10} + \frac{13}{10}$

2.  $\frac{22}{9} + \frac{19}{9}$

6.  $\frac{21}{5} + \frac{9}{5}$

10.  $\frac{20}{3} - \frac{8}{3}$

3.  $\frac{19}{10} - \frac{7}{10}$

7.  $\frac{7}{9} + \frac{16}{9}$

11.  $\frac{7}{5} + \frac{17}{5}$

4.  $\frac{13}{10} - \frac{7}{10}$

8.  $\frac{14}{11} + \frac{5}{11}$

12.  $\frac{22}{5} + \frac{12}{5}$

## Adding and Subtracting Fractions (F) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{18}{7} - \frac{8}{7} \\ & = \frac{10}{7} = 1\frac{3}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{6}{7} + \frac{16}{7} \\ & = \frac{22}{7} = 3\frac{1}{7} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{1}{10} + \frac{13}{10} \\ & = \frac{7}{5} = 1\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{22}{9} + \frac{19}{9} \\ & = \frac{41}{9} = 4\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{21}{5} + \frac{9}{5} \\ & = 6 \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{20}{3} - \frac{8}{3} \\ & = 4 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{19}{10} - \frac{7}{10} \\ & = \frac{6}{5} = 1\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{7}{9} + \frac{16}{9} \\ & = \frac{23}{9} = 2\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{7}{5} + \frac{17}{5} \\ & = \frac{24}{5} = 4\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{13}{10} - \frac{7}{10} \\ & = \frac{3}{5} \end{aligned}$$

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

$$\begin{aligned} 12. \quad & \frac{22}{5} + \frac{12}{5} \\ & = \frac{34}{5} = 6\frac{4}{5} \end{aligned}$$

## Adding and Subtracting Fractions (G)

Find the value of each expression in lowest terms.

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

5.  $\frac{23}{10} - \frac{17}{10}$

9.  $\frac{13}{10} - \frac{3}{10}$

2.  $\frac{21}{11} - \frac{9}{11}$

6.  $\frac{19}{12} - \frac{13}{12}$

10.  $\frac{11}{9} + \frac{10}{9}$

3.  $\frac{2}{9} + \frac{4}{9}$

7.  $\frac{11}{7} + \frac{4}{7}$

11.  $\frac{23}{9} + \frac{23}{9}$

4.  $\frac{15}{8} - \frac{11}{8}$

8.  $\frac{16}{7} + \frac{9}{7}$

12.  $\frac{20}{7} - \frac{10}{7}$

## Adding and Subtracting Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. \frac{4}{3} - \frac{1}{3} = 1$$

$$5. \frac{23}{10} - \frac{17}{10} = \frac{3}{5}$$

$$9. \frac{13}{10} - \frac{3}{10} = 1$$

$$2. \frac{21}{11} - \frac{9}{11} = \frac{12}{11} = 1\frac{1}{11}$$

$$6. \frac{19}{12} - \frac{13}{12} = \frac{1}{2}$$

$$10. \frac{11}{9} + \frac{10}{9} = \frac{7}{3} = 2\frac{1}{3}$$

$$3. \frac{2}{9} + \frac{4}{9} = \frac{2}{3}$$

$$7. \frac{11}{7} + \frac{4}{7} = \frac{15}{7} = 2\frac{1}{7}$$

$$11. \frac{23}{9} + \frac{23}{9} = \frac{46}{9} = 5\frac{1}{9}$$

$$4. \frac{15}{8} - \frac{11}{8} = \frac{1}{2}$$

$$8. \frac{16}{7} + \frac{9}{7} = \frac{25}{7} = 3\frac{4}{7}$$

$$12. \frac{20}{7} - \frac{10}{7} = \frac{10}{7} = 1\frac{3}{7}$$

## Adding and Subtracting Fractions (H)

Find the value of each expression in lowest terms.

1.  $\frac{10}{7} + \frac{24}{7}$

5.  $\frac{17}{11} - \frac{7}{11}$

9.  $\frac{19}{3} - \frac{4}{3}$

2.  $\frac{1}{3} + \frac{23}{3}$

6.  $\frac{19}{6} + \frac{5}{6}$

10.  $\frac{17}{6} - \frac{17}{6}$

3.  $\frac{11}{10} + \frac{23}{10}$

7.  $\frac{12}{11} + \frac{3}{11}$

11.  $\frac{22}{5} + \frac{21}{5}$

4.  $\frac{20}{9} - \frac{1}{9}$

8.  $\frac{23}{12} - \frac{11}{12}$

12.  $\frac{1}{6} + \frac{17}{6}$

## Adding and Subtracting Fractions (H) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{10}{7} + \frac{24}{7} \\ & = \frac{34}{7} = 4\frac{6}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{11} - \frac{7}{11} \\ & = \frac{10}{11} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{19}{3} - \frac{4}{3} \\ & = 5 \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{1}{3} + \frac{23}{3} \\ & = 8 \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{19}{6} + \frac{5}{6} \\ & = 4 \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{17}{6} - \frac{17}{6} \\ & = 0 \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{11}{10} + \frac{23}{10} \\ & = \frac{17}{5} = 3\frac{2}{5} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{12}{11} + \frac{3}{11} \\ & = \frac{15}{11} = 1\frac{4}{11} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{22}{5} + \frac{21}{5} \\ & = \frac{43}{5} = 8\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{20}{9} - \frac{1}{9} \\ & = \frac{19}{9} = 2\frac{1}{9} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{23}{12} - \frac{11}{12} \\ & = 1 \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{1}{6} + \frac{17}{6} \\ & = 3 \end{aligned}$$

## Adding and Subtracting Fractions (I)

Find the value of each expression in lowest terms.

1.  $\frac{17}{7} - \frac{6}{7}$

5.  $\frac{19}{5} + \frac{7}{5}$

9.  $\frac{7}{6} + \frac{13}{6}$

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

6.  $\frac{11}{5} + \frac{2}{5}$

10.  $\frac{13}{12} + \frac{17}{12}$

3.  $\frac{4}{3} + \frac{2}{3}$

7.  $\frac{13}{12} + \frac{13}{12}$

11.  $\frac{17}{12} + \frac{7}{12}$

4.  $\frac{10}{9} + \frac{8}{9}$

8.  $\frac{12}{5} - \frac{11}{5}$

12.  $\frac{11}{4} - \frac{3}{4}$

## Adding and Subtracting Fractions (I) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{17}{7} - \frac{6}{7} \\ & = \frac{11}{7} = 1\frac{4}{7} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{19}{5} + \frac{7}{5} \\ & = \frac{26}{5} = 5\frac{1}{5} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{7}{6} + \frac{13}{6} \\ & = \frac{20}{6} = 3\frac{1}{3} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{11}{5} + \frac{2}{5} \\ & = \frac{13}{5} = 2\frac{3}{5} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{13}{12} + \frac{17}{12} \\ & = \frac{30}{12} = 2\frac{1}{2} \end{aligned}$$

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

$$\begin{aligned} 7. \quad & \frac{13}{12} + \frac{13}{12} \\ & = \frac{26}{12} = 2\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{17}{12} + \frac{7}{12} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{10}{9} + \frac{8}{9} \\ & = 2 \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{12}{5} - \frac{11}{5} \\ & = \frac{1}{5} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{11}{4} - \frac{3}{4} \\ & = 2 \end{aligned}$$

## Adding and Subtracting Fractions (J)

Find the value of each expression in lowest terms.

1.  $\frac{19}{4} + \frac{17}{4}$

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

9.  $\frac{22}{5} - \frac{12}{5}$

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

6.  $\frac{13}{9} + \frac{17}{9}$

10.  $\frac{7}{10} + \frac{21}{10}$

3.  $\frac{19}{9} + \frac{22}{9}$

7.  $\frac{9}{4} - \frac{3}{4}$

11.  $\frac{14}{5} - \frac{7}{5}$

4.  $\frac{21}{10} - \frac{9}{10}$

8.  $\frac{23}{8} + \frac{13}{8}$

12.  $\frac{5}{9} - \frac{2}{9}$

## Adding and Subtracting Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. \frac{19}{4} + \frac{17}{4} \\ = 9$$

$$5. \frac{2}{3} + \frac{11}{3} \\ = \frac{13}{3} = 4\frac{1}{3}$$

$$9. \frac{22}{5} - \frac{12}{5} \\ = 2$$

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

$$6. \frac{13}{9} + \frac{17}{9} \\ = \frac{10}{3} = 3\frac{1}{3}$$

$$10. \frac{7}{10} + \frac{21}{10} \\ = \frac{14}{5} = 2\frac{4}{5}$$

$$3. \frac{19}{9} + \frac{22}{9} \\ = \frac{41}{9} = 4\frac{5}{9}$$

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

$$11. \frac{14}{5} - \frac{7}{5} \\ = \frac{7}{5} = 1\frac{2}{5}$$

$$4. \frac{21}{10} - \frac{9}{10} \\ = \frac{6}{5} = 1\frac{1}{5}$$

$$8. \frac{23}{8} + \frac{13}{8} \\ = \frac{9}{2} = 4\frac{1}{2}$$

$$12. \frac{5}{9} - \frac{2}{9} \\ = \frac{1}{3}$$