

## Adding and Subtracting Fractions (A)

Find the value of each expression in lowest terms.

1.  $2\frac{5}{6} - (4\frac{1}{3} - \frac{3}{2})$

5.  $1\frac{1}{5} + \frac{17}{2} - \frac{3}{2}$

9.  $\frac{11}{2} - (\frac{2}{7} + \frac{3}{2})$

2.  $\frac{1}{2} + \frac{13}{8} - \frac{11}{12}$

6.  $\frac{17}{6} + \frac{5}{3} - 3\frac{1}{2}$

10.  $3\frac{1}{3} + 1\frac{3}{4} - 1\frac{2}{3}$

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

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

11.  $\frac{4}{3} - (1\frac{11}{12} - \frac{5}{4})$

4.  $\frac{3}{4} + \frac{2}{7} - \frac{2}{7}$

8.  $1\frac{11}{12} - (1\frac{3}{4} - \frac{1}{8})$

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

## Adding and Subtracting Fractions (A) Answers

Find the value of each expression in lowest terms.

$$1. 2\frac{5}{6} - \left(4\frac{1}{3} - \frac{3}{2}\right) \\ = 0$$

$$5. 1\frac{1}{5} + \frac{17}{2} - \frac{3}{2} \\ = \frac{41}{5} = 8\frac{1}{5}$$

$$9. \frac{11}{2} - \left(\frac{2}{7} + \frac{3}{2}\right) \\ = \frac{26}{7} = 3\frac{5}{7}$$

$$2. \frac{1}{2} + \frac{13}{8} - \frac{11}{12} \\ = \frac{29}{24} = 1\frac{5}{24}$$

$$6. \frac{17}{6} + \frac{5}{3} - 3\frac{1}{2} \\ = 1$$

$$10. 3\frac{1}{3} + 1\frac{3}{4} - 1\frac{2}{3} \\ = \frac{41}{12} = 3\frac{5}{12}$$

$$3. \frac{3}{10} - \frac{1}{6} + 3\frac{4}{5} \\ = \frac{59}{15} = 3\frac{14}{15}$$

$$7. \frac{5}{2} + 1\frac{7}{9} + \frac{1}{3} \\ = \frac{83}{18} = 4\frac{11}{18}$$

$$11. \frac{4}{3} - \left(1\frac{11}{12} - \frac{5}{4}\right) \\ = \frac{2}{3}$$

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

$$8. 1\frac{11}{12} - \left(1\frac{3}{4} - \frac{1}{8}\right) \\ = \frac{7}{24}$$

$$12. 2\frac{1}{3} - \frac{2}{3} + 1\frac{4}{5} \\ = \frac{52}{15} = 3\frac{7}{15}$$

## Adding and Subtracting Fractions (B)

Find the value of each expression in lowest terms.

1.  $4\frac{1}{2} - (1\frac{1}{2} - \frac{4}{5})$

5.  $\frac{9}{2} + \frac{3}{8} - \frac{1}{2}$

9.  $1\frac{5}{8} + 4\frac{1}{2} + 3\frac{1}{2}$

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

6.  $\frac{13}{2} - (\frac{9}{2} + \frac{1}{3})$

10.  $\frac{1}{4} + 1\frac{3}{11} + \frac{8}{11}$

3.  $\frac{7}{3} + \frac{1}{3} - \frac{2}{11}$

7.  $\frac{5}{9} + 1\frac{1}{3} - \frac{1}{3}$

11.  $\frac{13}{2} - (\frac{7}{4} - \frac{1}{10})$

4.  $\frac{19}{12} + \frac{19}{3} - 1\frac{3}{4}$

8.  $\frac{13}{10} + \frac{5}{6} + 1\frac{11}{12}$

12.  $\frac{23}{4} - 1\frac{3}{4} + \frac{1}{3}$

## Adding and Subtracting Fractions (B) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & 4\frac{1}{2} - \left(1\frac{1}{2} - \frac{4}{5}\right) \\ & = \frac{19}{5} = 3\frac{4}{5} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{9}{2} + \frac{3}{8} - \frac{1}{2} \\ & = \frac{35}{8} = 4\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & 1\frac{5}{8} + 4\frac{1}{2} + 3\frac{1}{2} \\ & = \frac{77}{8} = 9\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 2. \quad & \frac{7}{4} + \frac{5}{3} + 3\frac{5}{6} \\ & = \frac{29}{4} = 7\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 6. \quad & \frac{13}{2} - \left(\frac{9}{2} + \frac{1}{3}\right) \\ & = \frac{5}{3} = 1\frac{2}{3} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{1}{4} + 1\frac{3}{11} + \frac{8}{11} \\ & = \frac{9}{4} = 2\frac{1}{4} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{7}{3} + \frac{1}{3} - \frac{2}{11} \\ & = \frac{82}{33} = 2\frac{16}{33} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{5}{9} + 1\frac{1}{3} - \frac{1}{3} \\ & = \frac{14}{9} = 1\frac{5}{9} \end{aligned}$$

$$\begin{aligned} 11. \quad & \frac{13}{2} - \left(\frac{7}{4} - \frac{1}{10}\right) \\ & = \frac{97}{20} = 4\frac{17}{20} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{19}{12} + \frac{19}{3} - 1\frac{3}{4} \\ & = \frac{37}{6} = 6\frac{1}{6} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{13}{10} + \frac{5}{6} + 1\frac{11}{12} \\ & = \frac{81}{20} = 4\frac{1}{20} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{23}{4} - 1\frac{3}{4} + \frac{1}{3} \\ & = \frac{13}{3} = 4\frac{1}{3} \end{aligned}$$

## Adding and Subtracting Fractions (C)

Find the value of each expression in lowest terms.

1.  $\frac{3}{4} + 1\frac{1}{3} - \frac{5}{3}$

5.  $2\frac{5}{8} - (7\frac{1}{2} - \frac{17}{3})$

9.  $\frac{24}{5} - \frac{13}{6} + \frac{1}{5}$

2.  $1\frac{2}{3} + \frac{23}{9} - 2\frac{1}{2}$

6.  $\frac{4}{9} + 1\frac{11}{12} - \frac{1}{3}$

10.  $2\frac{4}{9} + \frac{1}{2} - \frac{5}{12}$

3.  $\frac{9}{5} - (3\frac{1}{2} - 1\frac{3}{4})$

7.  $\frac{11}{8} + 2\frac{1}{8} + \frac{13}{4}$

11.  $2\frac{5}{9} - (\frac{4}{3} - \frac{5}{6})$

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

8.  $\frac{22}{5} - \frac{1}{2} - 1\frac{1}{3}$

12.  $1\frac{4}{7} + \frac{5}{7} + \frac{3}{2}$

## Adding and Subtracting Fractions (C) Answers

Find the value of each expression in lowest terms.

$$1. \frac{3}{4} + 1\frac{1}{3} - \frac{5}{3} \\ = \frac{5}{12}$$

$$5. 2\frac{5}{8} - \left(7\frac{1}{2} - \frac{17}{3}\right) \\ = \frac{19}{24}$$

$$9. \frac{24}{5} - \frac{13}{6} + \frac{1}{5} \\ = \frac{17}{6} = 2\frac{5}{6}$$

$$2. 1\frac{2}{3} + \frac{23}{9} - 2\frac{1}{2} \\ = \frac{31}{18} = 1\frac{13}{18}$$

$$6. \frac{4}{9} + 1\frac{11}{12} - \frac{1}{3} \\ = \frac{73}{36} = 2\frac{1}{36}$$

$$10. 2\frac{4}{9} + \frac{1}{2} - \frac{5}{12} \\ = \frac{91}{36} = 2\frac{19}{36}$$

$$3. \frac{9}{5} - \left(3\frac{1}{2} - 1\frac{3}{4}\right) \\ = \frac{1}{20}$$

$$7. \frac{11}{8} + 2\frac{1}{8} + \frac{13}{4} \\ = \frac{27}{4} = 6\frac{3}{4}$$

$$11. 2\frac{5}{9} - \left(\frac{4}{3} - \frac{5}{6}\right) \\ = \frac{37}{18} = 2\frac{1}{18}$$

$$4. \frac{9}{4} + 1\frac{1}{2} + \frac{4}{5} \\ = \frac{91}{20} = 4\frac{11}{20}$$

$$8. \frac{22}{5} - \frac{1}{2} - 1\frac{1}{3} \\ = \frac{77}{30} = 2\frac{17}{30}$$

$$12. 1\frac{4}{7} + \frac{5}{7} + \frac{3}{2} \\ = \frac{53}{14} = 3\frac{11}{14}$$

## Adding and Subtracting Fractions (D)

Find the value of each expression in lowest terms.

1.  $\frac{8}{3} - \left(\frac{3}{5} + \frac{1}{2}\right)$

5.  $\frac{17}{12} - \left(2\frac{3}{8} - 1\frac{5}{6}\right)$

9.  $\frac{7}{5} + \frac{8}{3} - 1\frac{1}{5}$

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

6.  $\frac{7}{10} + \frac{11}{3} - 1\frac{3}{5}$

10.  $\frac{7}{12} + 2\frac{2}{3} - \frac{7}{8}$

3.  $\frac{1}{2} + 1\frac{1}{2} - \frac{3}{8}$

7.  $\frac{10}{3} + 1\frac{2}{5} - \frac{17}{10}$

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

4.  $\frac{23}{12} + 1\frac{11}{12} - 1\frac{3}{4}$

8.  $\frac{4}{5} + 3\frac{1}{6} - \frac{21}{10}$

12.  $\frac{3}{4} - \frac{3}{4} + \frac{23}{10}$

## Adding and Subtracting Fractions (D) Answers

Find the value of each expression in lowest terms.

$$\begin{aligned} 1. \quad & \frac{8}{3} - \left(\frac{3}{5} + \frac{1}{2}\right) \\ & = \frac{47}{30} = 1\frac{17}{30} \end{aligned}$$

$$\begin{aligned} 5. \quad & \frac{17}{12} - \left(2\frac{3}{8} - 1\frac{5}{6}\right) \\ & = \frac{7}{8} \end{aligned}$$

$$\begin{aligned} 9. \quad & \frac{7}{5} + \frac{8}{3} - 1\frac{1}{5} \\ & = \frac{43}{15} = 2\frac{13}{15} \end{aligned}$$

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

$$\begin{aligned} 6. \quad & \frac{7}{10} + \frac{11}{3} - 1\frac{3}{5} \\ & = \frac{83}{30} = 2\frac{23}{30} \end{aligned}$$

$$\begin{aligned} 10. \quad & \frac{7}{12} + 2\frac{2}{3} - \frac{7}{8} \\ & = \frac{19}{8} = 2\frac{3}{8} \end{aligned}$$

$$\begin{aligned} 3. \quad & \frac{1}{2} + 1\frac{1}{2} - \frac{3}{8} \\ & = \frac{13}{8} = 1\frac{5}{8} \end{aligned}$$

$$\begin{aligned} 7. \quad & \frac{10}{3} + 1\frac{2}{5} - \frac{17}{10} \\ & = \frac{91}{30} = 3\frac{1}{30} \end{aligned}$$

$$\begin{aligned} 11. \quad & 1\frac{3}{4} + 2\frac{3}{4} + \frac{1}{5} \\ & = \frac{47}{10} = 4\frac{7}{10} \end{aligned}$$

$$\begin{aligned} 4. \quad & \frac{23}{12} + 1\frac{11}{12} - 1\frac{3}{4} \\ & = \frac{25}{12} = 2\frac{1}{12} \end{aligned}$$

$$\begin{aligned} 8. \quad & \frac{4}{5} + 3\frac{1}{6} - \frac{21}{10} \\ & = \frac{28}{15} = 1\frac{13}{15} \end{aligned}$$

$$\begin{aligned} 12. \quad & \frac{3}{4} - \frac{3}{4} + \frac{23}{10} \\ & = \frac{23}{10} = 2\frac{3}{10} \end{aligned}$$

## Adding and Subtracting Fractions (E)

Find the value of each expression in lowest terms.

1.  $1\frac{4}{7} + 1\frac{1}{4} - \frac{5}{2}$

5.  $\frac{3}{4} + 1\frac{9}{10} - 1\frac{1}{5}$

9.  $1\frac{1}{2} + \frac{17}{8} + 2\frac{3}{8}$

2.  $6\frac{2}{3} - (\frac{1}{2} + 2\frac{5}{6})$

6.  $\frac{1}{8} + \frac{2}{3} + \frac{1}{4}$

10.  $\frac{5}{3} + \frac{19}{7} + \frac{1}{3}$

3.  $1\frac{1}{2} + \frac{9}{2} - 2\frac{1}{10}$

7.  $\frac{5}{11} + \frac{2}{3} - \frac{1}{6}$

11.  $\frac{3}{2} + \frac{7}{2} - 1\frac{11}{12}$

4.  $\frac{23}{12} - \frac{5}{8} + 2\frac{1}{2}$

8.  $\frac{19}{2} - (\frac{23}{12} - \frac{1}{2})$

12.  $3\frac{1}{4} + \frac{1}{2} - \frac{15}{4}$

## Adding and Subtracting Fractions (E) Answers

Find the value of each expression in lowest terms.

$$1. 1\frac{4}{7} + 1\frac{1}{4} - \frac{5}{2} \\ = \frac{9}{28}$$

$$5. \frac{3}{4} + 1\frac{9}{10} - 1\frac{1}{5} \\ = \frac{29}{20} = 1\frac{9}{20}$$

$$9. 1\frac{1}{2} + \frac{17}{8} + 2\frac{3}{8} \\ = 6$$

$$2. 6\frac{2}{3} - \left(\frac{1}{2} + 2\frac{5}{6}\right) \\ = \frac{10}{3} = 3\frac{1}{3}$$

$$6. \frac{1}{8} + \frac{2}{3} + \frac{1}{4} \\ = \frac{25}{24} = 1\frac{1}{24}$$

$$10. \frac{5}{3} + \frac{19}{7} + \frac{1}{3} \\ = \frac{33}{7} = 4\frac{5}{7}$$

$$3. 1\frac{1}{2} + \frac{9}{2} - 2\frac{1}{10} \\ = \frac{39}{10} = 3\frac{9}{10}$$

$$7. \frac{5}{11} + \frac{2}{3} - \frac{1}{6} \\ = \frac{21}{22}$$

$$11. \frac{3}{2} + \frac{7}{2} - 1\frac{11}{12} \\ = \frac{37}{12} = 3\frac{1}{12}$$

$$4. \frac{23}{12} - \frac{5}{8} + 2\frac{1}{2} \\ = \frac{91}{24} = 3\frac{19}{24}$$

$$8. \frac{19}{2} - \left(\frac{23}{12} - \frac{1}{2}\right) \\ = \frac{97}{12} = 8\frac{1}{12}$$

$$12. 3\frac{1}{4} + \frac{1}{2} - \frac{15}{4} \\ = 0$$

## Adding and Subtracting Fractions (F)

Find the value of each expression in lowest terms.

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

5.  $\frac{9}{2} + 2\frac{4}{9} - 1\frac{5}{6}$

9.  $1\frac{5}{6} + \frac{19}{3} + 3\frac{2}{3}$

2.  $\frac{19}{9} + 1\frac{1}{2} + 6\frac{1}{2}$

6.  $\frac{4}{3} + \frac{20}{9} + \frac{22}{3}$

10.  $\frac{2}{3} + \frac{11}{12} + \frac{11}{4}$

3.  $2\frac{1}{5} - \left(\frac{23}{12} - \frac{3}{4}\right)$

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

11.  $\frac{4}{3} + \frac{4}{5} - \frac{1}{10}$

4.  $\frac{15}{8} - \left(1\frac{5}{12} - \frac{2}{3}\right)$

8.  $2\frac{1}{2} + \frac{1}{2} + \frac{7}{3}$

12.  $\frac{5}{2} - 2\frac{2}{5} + 2\frac{1}{4}$

## Adding and Subtracting Fractions (F) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{2} + \frac{8}{5} + 5\frac{1}{2} \\ = \frac{38}{5} = 7\frac{3}{5}$$

$$5. \frac{9}{2} + 2\frac{4}{9} - 1\frac{5}{6} \\ = \frac{46}{9} = 5\frac{1}{9}$$

$$9. 1\frac{5}{6} + \frac{19}{3} + 3\frac{2}{3} \\ = \frac{71}{6} = 11\frac{5}{6}$$

$$2. \frac{19}{9} + 1\frac{1}{2} + 6\frac{1}{2} \\ = \frac{91}{9} = 10\frac{1}{9}$$

$$6. \frac{4}{3} + \frac{20}{9} + \frac{22}{3} \\ = \frac{98}{9} = 10\frac{8}{9}$$

$$10. \frac{2}{3} + \frac{11}{12} + \frac{11}{4} \\ = \frac{13}{3} = 4\frac{1}{3}$$

$$3. 2\frac{1}{5} - \left(\frac{23}{12} - \frac{3}{4}\right) \\ = \frac{31}{30} = 1\frac{1}{30}$$

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

$$11. \frac{4}{3} + \frac{4}{5} - \frac{1}{10} \\ = \frac{61}{30} = 2\frac{1}{30}$$

$$4. \frac{15}{8} - \left(1\frac{5}{12} - \frac{2}{3}\right) \\ = \frac{9}{8} = 1\frac{1}{8}$$

$$8. 2\frac{1}{2} + \frac{1}{2} + \frac{7}{3} \\ = \frac{16}{3} = 5\frac{1}{3}$$

$$12. \frac{5}{2} - 2\frac{2}{5} + 2\frac{1}{4} \\ = \frac{47}{20} = 2\frac{7}{20}$$

## Adding and Subtracting Fractions (G)

Find the value of each expression in lowest terms.

1.  $\frac{1}{3} + \frac{9}{8} + \frac{7}{8}$

5.  $1\frac{1}{6} + 2\frac{1}{4} + \frac{3}{8}$

9.  $\frac{16}{7} - 2\frac{1}{4} + \frac{5}{2}$

2.  $\frac{9}{5} - \frac{1}{3} + 2\frac{5}{6}$

6.  $\frac{19}{6} - \frac{4}{3} + \frac{1}{3}$

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

3.  $10\frac{1}{2} + \frac{16}{3} + 1\frac{11}{12}$

7.  $\frac{13}{9} - \frac{2}{3} - \frac{4}{9}$

11.  $\frac{3}{4} + \frac{7}{6} - \frac{1}{3}$

4.  $3\frac{1}{6} + 3\frac{3}{4} - \frac{1}{6}$

8.  $6\frac{2}{3} + 1\frac{1}{3} + 1\frac{3}{4}$

12.  $\frac{13}{6} - \frac{1}{3} + 2\frac{1}{3}$

## Adding and Subtracting Fractions (G) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{3} + \frac{9}{8} + \frac{7}{8} \\ = \frac{7}{3} = 2\frac{1}{3}$$

$$5. 1\frac{1}{6} + 2\frac{1}{4} + \frac{3}{8} \\ = \frac{91}{24} = 3\frac{19}{24}$$

$$9. \frac{16}{7} - 2\frac{1}{4} + \frac{5}{2} \\ = \frac{71}{28} = 2\frac{15}{28}$$

$$2. \frac{9}{5} - \frac{1}{3} + 2\frac{5}{6} \\ = \frac{43}{10} = 4\frac{3}{10}$$

$$6. \frac{19}{6} - \frac{4}{3} + \frac{1}{3} \\ = \frac{13}{6} = 2\frac{1}{6}$$

$$10. 1\frac{1}{2} + 4\frac{3}{4} + \frac{1}{3} \\ = \frac{79}{12} = 6\frac{7}{12}$$

$$3. 10\frac{1}{2} + \frac{16}{3} + 1\frac{11}{12} \\ = \frac{71}{4} = 17\frac{3}{4}$$

$$7. \frac{13}{9} - \frac{2}{3} - \frac{4}{9} \\ = \frac{1}{3}$$

$$11. \frac{3}{4} + \frac{7}{6} - \frac{1}{3} \\ = \frac{19}{12} = 1\frac{7}{12}$$

$$4. 3\frac{1}{6} + 3\frac{3}{4} - \frac{1}{6} \\ = \frac{27}{4} = 6\frac{3}{4}$$

$$8. 6\frac{2}{3} + 1\frac{1}{3} + 1\frac{3}{4} \\ = \frac{39}{4} = 9\frac{3}{4}$$

$$12. \frac{13}{6} - \frac{1}{3} + 2\frac{1}{3} \\ = \frac{25}{6} = 4\frac{1}{6}$$

## Adding and Subtracting Fractions (H)

Find the value of each expression in lowest terms.

1.  $\frac{13}{10} + \frac{3}{5} + \frac{5}{6}$

5.  $2\frac{2}{3} + 1\frac{5}{6} - 1\frac{5}{9}$

9.  $3\frac{1}{2} - \frac{7}{3} + 1\frac{1}{8}$

2.  $1\frac{1}{6} - \left(\frac{10}{3} - \frac{11}{5}\right)$

6.  $3\frac{3}{4} - \left(\frac{4}{5} - \frac{1}{4}\right)$

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

3.  $1\frac{1}{2} - \left(\frac{2}{3} + \frac{5}{7}\right)$

7.  $\frac{3}{4} - \frac{4}{11} + 1\frac{7}{11}$

11.  $\frac{24}{11} - \frac{21}{11} + \frac{1}{2}$

4.  $1\frac{11}{12} - \left(\frac{17}{12} - \frac{4}{3}\right)$

8.  $2\frac{6}{7} - \frac{9}{4} - \frac{1}{12}$

12.  $\frac{1}{2} + \frac{17}{6} + \frac{8}{9}$

## Adding and Subtracting Fractions (H) Answers

Find the value of each expression in lowest terms.

$$1. \frac{13}{10} + \frac{3}{5} + \frac{5}{6} \\ = \frac{41}{15} = 2\frac{11}{15}$$

$$5. 2\frac{2}{3} + 1\frac{5}{6} - 1\frac{5}{9} \\ = \frac{53}{18} = 2\frac{17}{18}$$

$$9. 3\frac{1}{2} - \frac{7}{3} + 1\frac{1}{8} \\ = \frac{55}{24} = 2\frac{7}{24}$$

$$2. 1\frac{1}{6} - \left(\frac{10}{3} - \frac{11}{5}\right) \\ = \frac{1}{30}$$

$$6. 3\frac{3}{4} - \left(\frac{4}{5} - \frac{1}{4}\right) \\ = \frac{16}{5} = 3\frac{1}{5}$$

$$10. \frac{12}{5} + \frac{9}{5} - \frac{5}{2} \\ = \frac{17}{10} = 1\frac{7}{10}$$

$$3. 1\frac{1}{2} - \left(\frac{2}{3} + \frac{5}{7}\right) \\ = \frac{5}{42}$$

$$7. \frac{3}{4} - \frac{4}{11} + 1\frac{7}{11} \\ = \frac{89}{44} = 2\frac{1}{44}$$

$$11. \frac{24}{11} - \frac{21}{11} + \frac{1}{2} \\ = \frac{17}{22}$$

$$4. 1\frac{11}{12} - \left(\frac{17}{12} - \frac{4}{3}\right) \\ = \frac{11}{6} = 1\frac{5}{6}$$

$$8. 2\frac{6}{7} - \frac{9}{4} - \frac{1}{12} \\ = \frac{11}{21}$$

$$12. \frac{1}{2} + \frac{17}{6} + \frac{8}{9} \\ = \frac{38}{9} = 4\frac{2}{9}$$

## Adding and Subtracting Fractions (I)

Find the value of each expression in lowest terms.

1.  $\frac{7}{2} + \frac{16}{5} - \frac{14}{3}$

5.  $1\frac{3}{4} + 5\frac{1}{2} - \frac{23}{5}$

9.  $\frac{5}{11} + 2\frac{1}{4} - \frac{3}{2}$

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

6.  $\frac{5}{7} + \frac{9}{2} - 1\frac{2}{7}$

10.  $\frac{2}{3} + \frac{5}{6} + 1\frac{7}{8}$

3.  $5\frac{1}{3} - \frac{17}{6} - \frac{5}{2}$

7.  $2\frac{1}{2} - \left(\frac{13}{3} - 2\frac{1}{3}\right)$

11.  $4\frac{1}{3} - \left(\frac{2}{3} + 2\frac{1}{2}\right)$

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

8.  $2\frac{1}{2} - \frac{3}{4} + \frac{11}{5}$

12.  $\frac{5}{4} - \left(\frac{1}{2} + \frac{1}{11}\right)$

## Adding and Subtracting Fractions (I) Answers

Find the value of each expression in lowest terms.

$$1. \frac{7}{2} + \frac{16}{5} - \frac{14}{3} \\ = \frac{61}{30} = 2\frac{1}{30}$$

$$5. 1\frac{3}{4} + 5\frac{1}{2} - \frac{23}{5} \\ = \frac{53}{20} = 2\frac{13}{20}$$

$$9. \frac{5}{11} + 2\frac{1}{4} - \frac{3}{2} \\ = \frac{53}{44} = 1\frac{9}{44}$$

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

$$6. \frac{5}{7} + \frac{9}{2} - 1\frac{2}{7} \\ = \frac{55}{14} = 3\frac{13}{14}$$

$$10. \frac{2}{3} + \frac{5}{6} + 1\frac{7}{8} \\ = \frac{27}{8} = 3\frac{3}{8}$$

$$3. 5\frac{1}{3} - \frac{17}{6} - \frac{5}{2} \\ = 0$$

$$7. 2\frac{1}{2} - \left(\frac{13}{3} - 2\frac{1}{3}\right) \\ = \frac{1}{2}$$

$$11. 4\frac{1}{3} - \left(\frac{2}{3} + 2\frac{1}{2}\right) \\ = \frac{7}{6} = 1\frac{1}{6}$$

$$4. 1\frac{1}{2} + \frac{7}{4} - 3\frac{1}{6} \\ = \frac{1}{12}$$

$$8. 2\frac{1}{2} - \frac{3}{4} + \frac{11}{5} \\ = \frac{79}{20} = 3\frac{19}{20}$$

$$12. \frac{5}{4} - \left(\frac{1}{2} + \frac{1}{11}\right) \\ = \frac{29}{44}$$

## Adding and Subtracting Fractions (J)

Find the value of each expression in lowest terms.

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

5.  $2\frac{3}{4} - (5\frac{1}{2} - \frac{23}{7})$

9.  $5\frac{3}{4} - \frac{5}{4} + 1\frac{9}{10}$

2.  $1\frac{7}{8} - \frac{2}{3} + 2\frac{1}{2}$

6.  $\frac{8}{3} - (3\frac{2}{7} - \frac{12}{7})$

10.  $\frac{7}{5} - \frac{2}{3} + \frac{4}{5}$

3.  $\frac{17}{10} - \frac{1}{2} + \frac{11}{3}$

7.  $\frac{12}{5} + \frac{4}{5} - 2\frac{1}{4}$

11.  $\frac{7}{5} - (2\frac{1}{5} - \frac{11}{8})$

4.  $\frac{5}{2} - (\frac{4}{3} - 1\frac{1}{12})$

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

12.  $4\frac{1}{5} - (1\frac{5}{12} + \frac{7}{3})$

## Adding and Subtracting Fractions (J) Answers

Find the value of each expression in lowest terms.

$$1. \frac{1}{3} + 4\frac{3}{4} + \frac{5}{3} \\ = \frac{27}{4} = 6\frac{3}{4}$$

$$5. 2\frac{3}{4} - \left(5\frac{1}{2} - \frac{23}{7}\right) \\ = \frac{15}{28}$$

$$9. 5\frac{3}{4} - \frac{5}{4} + 1\frac{9}{10} \\ = \frac{32}{5} = 6\frac{2}{5}$$

$$2. 1\frac{7}{8} - \frac{2}{3} + 2\frac{1}{2} \\ = \frac{89}{24} = 3\frac{17}{24}$$

$$6. \frac{8}{3} - \left(3\frac{2}{7} - \frac{12}{7}\right) \\ = \frac{23}{21} = 1\frac{2}{21}$$

$$10. \frac{7}{5} - \frac{2}{3} + \frac{4}{5} \\ = \frac{23}{15} = 1\frac{8}{15}$$

$$3. \frac{17}{10} - \frac{1}{2} + \frac{11}{3} \\ = \frac{73}{15} = 4\frac{13}{15}$$

$$7. \frac{12}{5} + \frac{4}{5} - 2\frac{1}{4} \\ = \frac{19}{20}$$

$$11. \frac{7}{5} - \left(2\frac{1}{5} - \frac{11}{8}\right) \\ = \frac{23}{40}$$

$$4. \frac{5}{2} - \left(\frac{4}{3} - 1\frac{1}{12}\right) \\ = \frac{9}{4} = 2\frac{1}{4}$$

$$8. \frac{1}{2} + 3\frac{1}{2} + \frac{2}{3} \\ = \frac{14}{3} = 4\frac{2}{3}$$

$$12. 4\frac{1}{5} - \left(1\frac{5}{12} + \frac{7}{3}\right) \\ = \frac{9}{20}$$