

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.

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

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

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

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

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

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

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

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

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

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

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

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