

# Adding and Subtracting Fractions

## Same Denominators

Directions: Add or subtract and write each answer in simplest form.

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

2.  $\frac{4}{9} + \frac{11}{9}$

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

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

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

$$6. -3\frac{7}{8} - 1\frac{2}{8}$$

$$7. \frac{6x}{4} + \frac{12x}{4}$$

$$8. -\frac{4x}{9} - \frac{3x}{9} + \left(-\frac{8x}{9}\right)$$

$$9. -\frac{4}{8x} - \frac{12}{8x}$$

$$10. \frac{5}{6y} - \left( -\frac{9}{6y} \right)$$

### Different Denominators

Directions: Add or subtract and write each answer in simplest form.

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

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

$$13. 15\frac{1}{6} - 7\frac{3}{10}$$

14.  $-2\frac{3}{4} + \left(-7\frac{1}{8}\right)$

15.  $\frac{x}{12} + \frac{x}{8}$

$$16. \frac{-3x}{8} + \frac{15x}{7}$$

$$17. -\frac{2}{3x} + \frac{4}{5x}$$

$$18. \frac{x}{7} - \frac{3x}{5}$$

$$19. -\frac{5w}{12} - \left(\frac{7w}{6}\right) + \frac{8w}{9}$$



$$20. \frac{-36}{5w} + \frac{8}{w}$$