

Combine each pair of like terms.

1. $3x + 2x$

$7n - 4n$

$9y + y$

$12z - 2z$

2. $\frac{1}{2}x + \frac{1}{4}x$

$\frac{11}{8}y - y$

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

$1\frac{5}{8}w - \frac{6}{16}w$

Solve each equation.

3. $6x + 2x = 32$

$5y - y = 12$

$4z + 9z = 39$

$9m - 4m = 45$

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

$\frac{7}{8}n - \frac{3}{8}n = 2$

$\frac{7}{5}z - \frac{3}{10}z = 4$

$\frac{3}{4}x - \frac{2}{3}x = 1$

5. $1.4z + 0.6z = 17$

$2.6x - 0.7x = 38$

$6y - 3.75y = 9$

$4.5x + 3x = 61.5$

6. $9n - 4n + 18 = 28$

$2z - z + 4 = 11$

$5y + 2y - 5 = 7$

$12x + 3x + 14 = 76$

7. $3x + x - 9 = 47$

$8q - 3q + 15 = 40$

$m + 3m + 6 = 18$

$5n + 3n - 12 = 8$