

## Solve for the Variables

1.  $4 + \frac{2}{x} + 8^2 = 69$

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

3.  $\frac{12+x}{x+8} = 1$

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

5.  $10 + (5 \times y + 2) = 37$

6.  $\frac{y}{12} + 6 = 6$

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

8.  $\frac{6+x}{x+4} = 1$

9.  $6 \times (5 + y) = 60$

10.  $(x+10)^2 = 100$

## Solve for the Variables

1.  $4 + \frac{2}{x} + 8^2 = 69$   $x = 4$

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

3.  $\frac{12+x}{x+8} = 1$   $x = 7$

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

5.  $10 + (5 \times y + 2) = 37$   $y = 5$

6.  $\frac{y}{12} + 6 = 6$   $y = 1$

7.  $\frac{y}{9} + 1 = 2$   $y = 6$

8.  $\frac{6+x}{x+4} = 1$   $x = 4$

9.  $6 \times (5 + y) = 60$   $y = 5$

10.  $(x+10)^2 = 100$   $x = 1$  or  $-1$