

# Simple Linear Equations Worksheet

Solve for each variable

$$\boxed{1} \quad 3y + 8 = 14$$

$$\boxed{2} \quad 2c + 7 = 21$$

$$\boxed{3} \quad \frac{v}{8} = -2$$

$$\boxed{4} \quad \frac{n}{12} = -5 - 11$$

$$\boxed{5} \quad -3k = k + 2$$

$$\boxed{6} \quad 1 = 10 - n$$

$$\boxed{7} \quad 12 + x = -32$$

$$\boxed{8} \quad 10 - 2 = \frac{p}{9}$$

$$\boxed{9} \quad 3(x - 4) = 6$$

$$\boxed{10} \quad -9x - 9x = -9$$

$$\boxed{11} \quad \frac{x}{2} - \frac{x}{3} = 1$$

$$\boxed{12} \quad \frac{5}{2} - x = 3x$$

# Simple Linear Equations Worksheet

## Answers

$$\boxed{1} \quad 3y + 8 = 14$$

$$y = 2$$

$$\boxed{3} \quad \frac{v}{8} = -2$$

$$v = -16$$

$$\boxed{5} \quad -3k = k + 2$$

$$k = -\frac{1}{2}$$

$$\boxed{7} \quad 12 + x = -32$$

$$x = -44$$

$$\boxed{9} \quad 3(x - 4) = 6$$

$$x = 6$$

$$\boxed{11} \quad \frac{x}{2} - \frac{x}{3} = 1$$

$$x = 6$$

$$\boxed{2} \quad 2c + 7 = 21$$

$$c = 7$$

$$\boxed{4} \quad \frac{n}{12} = -5 - 11$$

$$n = -192$$

$$\boxed{6} \quad 1 = 10 - n$$

$$n = 9$$

$$\boxed{8} \quad 10 - 2 = \frac{p}{9}$$

$$p = 72$$

$$\boxed{10} \quad -9x - 9x = -9$$

$$x = \frac{1}{2}$$

$$\boxed{12} \quad \frac{5}{2} - x = 3x$$

$$x = \frac{5}{8}$$