

# Solving Equations with One Variable

## Worksheet Answer Key

*Let's Talk About "x"*

Solve the following equations.

1.  $x - 2(4) = 3$

$$x = 11$$

2.  $w + 3 = -4.5$

$$w = 1.5$$

3.  $x + 3(1) = 1 - |-4|$

$$x = -6$$

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

$$x = \frac{2}{3}$$

5.  $5.67 - 2(3) + z = 0$

$$z = 0.33$$

6.  $3(1.5) = 6 + t$

$$t = -1.5$$

7.  $2y + 7 - y = 3$

$$y = -4$$

8.  $x + \frac{1}{5} - \frac{3}{6} = 0$

$$x = \frac{3}{10}$$

9.  $y + 4\pi + 2 = 1$

$$y = -1 - 4\pi$$

10.  $x - 3(6) = 6.98 + \frac{1}{2}$

$$x = 25.48$$

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