

# Multi-Step Equations

**Answer Key**

Solve each equation.

1)  $8p + 2 = 6(p - 3)$

$p = \underline{\quad -10 \quad}$

2)  $3(4s + 7) = 1 + 8s$

$s = \underline{\quad -5 \quad}$

3)  $\frac{9(u - 8)}{13} = 0$

$u = \underline{\quad 8 \quad}$

4)  $-(m - 12) = 3(9 - 5m) - 1$

$m = \underline{\quad 1 \quad}$

5)  $4a - 2 = -15 + 10a + 1$

$a = \underline{\quad 2 \quad}$

6)  $\frac{6(t - 6)}{5} = t$

$t = \underline{\quad 36 \quad}$

7)  $1 = \frac{8b + 14}{7b - 5}$

$b = \underline{\quad -19 \quad}$

8)  $6q - 11 - 5q = 6q + 4$

$q = \underline{\quad -3 \quad}$