Name_____

Multi-Step Equations

Date_____ Period_____

Solve each equation.

1) $6a + 5a = -11$

2) $-6n - 2n = 16$

3) $4x + 6 + 3 = 17$

4) $0 = -5n - 2n$

5) $6r - 1 + 6r = 11$

6) $r + 11 + 8r = 29$

7) $-10 = -14v + 14v$

8) $-10p + 9p = 12$

9) $42 = 8m + 13m$

10) $a - 2 + 3 = -2$

11) $18 = 3(3x - 6)$

12) $30 = -5(6n + 6)$

Name_____

Multi-Step Equations

Date_____ Period____

Solve each equation.

1) $6a + 5a = -11$

   $\{-1\}$

2) $-6n - 2n = 16$

   $\{-2\}$

3) $4x + 6 + 3 = 17$

   $\{2\}$

4) $0 = -5n - 2n$

   $\{0\}$

5) $6r - 1 + 6r = 11$

   $\{1\}$

6) $r + 11 + 8r = 29$

   $\{2\}$

7) $-10 = -14v + 14v$

   No solution.

8) $-10p + 9p = 12$

   $\{-12\}$

9) $42 = 8m + 13m$

   $\{2\}$

10) $a - 2 + 3 = -2$

   $\{-3\}$

11) $18 = 3(3x - 6)$

   $\{4\}$

12) $30 = -5(6n + 6)$

   $\{-2\}$