Solve Multi-Step Equations Quiz

Directions: Solve each equation.

1.

$2(x + 5) = 8$

$x = -1$

2.

$4(2x - 5) = 12 + 4x$

$x = 8$

3.

$5(x + 6) = -6 + x$

$x = -9$

4.

$5x - 1 + 2x = 9x + 3$

$x = -2$

5.

$-48 = 2(-3x - 6) - 3x$

$x = 4$

6.

$3x - 3(9x + 5) = 33$

$x = -2$

7.

$-6(2x - 4) = -3x - 3$

$x = 3$

8.

$17x + 8 - x = 32x - 40$

$x = 3$

9.

$3x + 2(x + 10) = 30 + 3x$

$x = 5$

10.

$19x - 3(7x - 4) = 36$

$x = -12$

11.

$6(3x + 2) - 2x = -4x - 8$

$x = -1$

12.

$12 - 3x - 4 = -(4x + 8)$

$x = -16$