Name_____

PRACTICE Quiz 1.3 Solving Equations Variable on both Sides

Solve each equation. Must show all work.

1) $6n - 2n = -2n - 12$

2) $4 - 8m = 1 - 8m + 1$

3) $-5 - 5b = b - 5$

4) $-6 - 8x = -6(1 + 4x)$

5) $3(1 - 6k) = -8k - 37$

6) $-4(3 - 3b) = 6b - 24$

7) $5(4n + 8) = -2(-7n - 2)$

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

PRACTICE Quiz 1.3 Solving Equations Variable on both Sides

Solve each equation. Must show all work.

1) $6n - 2n = -2n - 12$

    $\{-2\}$

2) $4 - 8m = 1 - 8m + 1$

    No solution.

3) $-5 - 5b = b - 5$

    $\{0\}$

4) $-6 - 8x = -6(1 + 4x)$

    $\{0\}$

5) $3(1 - 6k) = -8k - 37$

    $\{4\}$

6) $-4(3 - 3b) = 6b - 24$

    $\{-2\}$

7) $5(4n + 8) = -2(-7n - 2)$

    $\{-6\}$

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

    $\{4\}$