

Multi-Step Equations HW

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Solve each equation.

1) $-6x + 5x = -1$

2) $19 = 7b + 6 - 1$

3) $4n + 6 = 6 + 4n$

4) $2x + 4 = 2x + 4$

5) $4(2n + 8) = 64$

6) $-78 = 2(1 + 8x)$

7) $4x + 24 = 2(7 + 7x)$

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

9) $-5(-2n - 2) + n = -3(1 - 6n) - 6n$

10) $2(8n + 4) = 4n - (n + 5)$

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Solve each equation.

1) $-6x + 5x = -1$

 $\{1\}$

2) $19 = 7b + 6 - 1$

 $\{2\}$

3) $4n + 6 = 6 + 4n$

 $\{ \text{All real numbers.} \}$

4) $2x + 4 = 2x + 4$

 $\{ \text{All real numbers.} \}$

5) $4(2n + 8) = 64$

 $\{4\}$

6) $-78 = 2(1 + 8x)$

 $\{-5\}$

7) $4x + 24 = 2(7 + 7x)$

 $\{1\}$

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

 $\{0\}$

9) $-5(-2n - 2) + n = -3(1 - 6n) - 6n$

 $\{13\}$

10) $2(8n + 4) = 4n - (n + 5)$

 $\{-1\}$