

Lesson 4 Assignment Variables on Both Sides

Solve each equation.

1) $15 + 7k = k + 7 + 4k$

2) $-3x - 8 = 12 - 7x$

3) $1 + 8x = -14 + 5x$

4) $-13 + 6x = -(2x - 3)$

5) $8 - 4x = -3(6x + 2)$

6) $3(6n - 5) = -27 + 6n$

7) $2(v + 5) = -(4v + 2)$

8) $-4(2r - 5) = -2r + 4(1 - 2r)$

9) $3(3 + 4v) - 4v = 3(2v - 1)$

10) $2x - 2(x - 6) = -4(4x - 3)$

Answers to Lesson 4 Assignment Variables on Both Sides (ID: 1)

1) $\{-4\}$

2) $\{5\}$

3) $\{-5\}$

4) $\{2\}$

5) $\{-1\}$

6) $\{-1\}$

7) $\{-2\}$

8) $\{-8\}$

9) $\{-6\}$

10) $\{0\}$