

Solving Equations with Variables and Constants on Both Sides WS#1

Solve each equation. Show all required work. Be sure your variable is on the left side in your final answer.

1) $-11 + 6x = 1 + 4x$

2) $4 + 4x = 6x + 2$

3) $-5x - 5 = -7x + 1$

4) $-a - 15 = 2a - 3$

5) $7a - 7 = 4a + 11$

6) $13 + 5x = 1 + 8x$

$$7) 8a + 6 = -1 + 7a$$

$$8) 6 + b = 2b + 5$$

$$9) b - 3 = -15 + 5b$$

$$10) -2r - 6 = -r - 11$$

$$11) -6 + 7x = 5x + 6$$

$$12) 1 + x = -7 + 2x$$