

## Solving Equations That Have the Distributive Property - WS#1

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

1)  $-4(3 - 3b) = -84$

2)  $7(3 + 4r) = -147$

3)  $2(1 + 8a) = -94$

4)  $4(6 + 6n) = 216$

$$5) 7(m - 4) = -84$$

$$6) 2(1 - 8x) = 130$$

$$7) -7(4 + 6v) = -364$$

$$8) -6(6x + 4) = 192$$

$$9) -7(x - 5) = 84$$

$$10) 2(-2 + 7p) = 108$$

Challenge:

$$11) 3(1 + 5b) + 3 = -26 + 7b$$

$$12) -8(7 + 3n) + n = 34 - 5n$$