

The Distributive Property

1) $2(2+3x) = 4+6x$

2) $3(5+5x) = 15+15x$

3) $4(3x-8) = 12x-32$

4) $(6x-2)(-2) = -12x+4$

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

6) $(2+2x)5 = 10+10x$

7) $(-4)(4-2x) = -16+8x$

8) $-(-2-5x) = 2+5x$

9) $(-6x+2)(-1) = 6x-2$

10) $(-5)(x-2) = -5x+10$

11) $-(7-3x) = -7+3x$

12) $8(8+2x) = 64+16x$

13) $2(12+2x) = 24+4x$

14) $(-6x+8)4 = -24x+32$

15) $(3-6x)(-7) = -21+42x$

16) $(-12)(2x+1) = -24x-12$

17) $(8-2x)9 = 72-18x$

18) $5(7+9x) = 35+45x$

19) $11(5x+2) = 55x+22$

20) $(-4x+6)6 = -24x+36$

21) $(3-6x)(-8) = -24+48x$

Commented [1]: For future references, it should be written as $6x+4$. This would be the correct order.

$$22) (-12)(2x-3) = -24x+36$$

$$23) (10-2x)9 = 90-18x$$

$$24) (-5)(11x-2) = -55x+10$$

$$25) (1-9x)(-10) = -10+90x$$

$$26) (-6)(x+8) = -6x-48$$

$$27) (-4+3x)(-8) = 32-24x$$

$$28) (-5)(1-11x) = -5+55x$$

$$29) 11(3x-12) = 33x -132$$

$$30) (-12x+14)(-5) = 60x-70$$

$$31) (-5)(4x-1)+4(x+2) = -16x+13$$

$$32) (-3)(x+4)-(2+3x) = -6x-14$$