

## Multiplying Binomials



Find the equation of the line passing through the given points.

1)  $(-9x - 4)(-1x + 4) =$

2)  $(-8x - 3)(-3x + 2) =$

3)  $(-10x - 10)(3x + 5) =$

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

5)  $(-3x - 10)(-4x + 1) =$

6)  $(-9x - 7)(1x + 1) =$

7)  $(-8x - 8)(-5x + 5) =$

8)  $(-1x - 4)(1x + 5) =$

9)  $(-10x - 5)(-3x + 5) =$

10)  $(-9x - 2)(-4x + 5) =$

11)  $(-7x - 3)(5x + 5) =$

12)  $(-5x - 2)(-1x + 5) =$

13)  $(-9x - 3)(-3x + 3) =$

## Answers of Multiplying Binomials



Find the equation of the line passing through the given points.

$$1) (-9x - 4)(-1x + 4) = 9x^2 - 32x - 16$$

$$2) (-8x - 3)(-3x + 2) = 24x^2 - 7x - 6$$

$$3) (-10x - 10)(3x + 5) = -30x^2 - 80x - 50$$

$$4) (-6x - 1)(3x + 1) = -18x^2 - 9x - 1$$

$$5) (-3x - 10)(-4x + 1) = 12x^2 + 37x - 10$$

$$6) (-9x - 7)(1x + 1) = -9x^2 - 16x - 7$$

$$7) (-8x - 8)(-5x + 5) = 40x^2 - 40$$

$$8) (-1x - 4)(1x + 5) = -1x^2 - 9x - 20$$

$$9) (-10x - 5)(-3x + 5) = 30x^2 - 35x - 25$$

$$10) (-9x - 2)(-4x + 5) = 36x^2 - 37x - 10$$

$$11) (-7x - 3)(5x + 5) = -35x^2 - 50x - 15$$

$$12) (-5x - 2)(-1x + 5) = 5x^2 - 23x - 10$$

$$13) (-9x - 3)(-3x + 3) = 27x^2 - 18x - 9$$