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

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