Name:

Date:

Multiplying Binomials

Find each product.

1) $(3n + 2)(n + 3) =$

2) $(3p - 3)(p - 1) =$

3) $(2x + 1)(x - 1) =$

4) $(5x - 2)(5x - 8) =$

5) $(5v + 4)(3v - 6) =$

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

7) $(x - 5)(x - 4) =$

8) $(x + 5)(3x - 1) =$

9) $(3x - y)(x + 2y) =$

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

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

12) $(3x - 3)(3x + 2) =$

13) $(6x + 2y)(6x - 2y) =$

14) $(5x - 7)(3x - 4) =$

15) $(-2x + 5)(x - 1) =$

Multiplying Binomials

Name:

Date:

Answers

Find each product.

1) $(3n + 2)(n + 3) = 3n^2 + 11n + 6$

2) $(3p - 3)(p - 1) = 3p^2 - 6p + 3$

3) $(2x + 1)(x - 1) = 2x^2 - x - 1$

4) $(5x - 2)(5x - 8) = 25x^2 - 50x + 16$

5) $(5v + 4)(3v - 6) = 15v^2 - 18v - 24$

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

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

8) $(x + 5)(3x - 1) = 3x^2 + 14x - 5$

9) $(3x - y)(x + 2y) = 3x^2 + 5xy - 2y^2$

10) $(4x - 5)(x - 3) = 4x^2 - 17x + 15$

11) $(x - 1)(2x + 5) = 2x^2 + 3x - 5$

12) $(3x - 3)(3x + 2) = 9x^2 - 3x - 6$

13) $(6x + 2y)(6x - 2y) = 36x^2 - 4y^2$

14) $(5x - 7)(3x - 4) = 15x^2 - 41x + 28$

15) $(-2x + 5)(x - 1) = -2x^2 + 7x - 5$