

Special Cases Multiplying Polynomials

Find each product.

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

2) $(x + 1)^2$

3) $(n + 5)^2$

4) $(p + 3)(p - 3)$

5) $(n - 1)(n + 1)$

6) $(7n + 4)^2$

7) $(3r - 7)^2$

8) $(2 + 5n^2)(2 - 5n^2)$

9) $(2n^4 + 6)(2n^4 - 6)$

10) $(r^2 - 8)(r^2 + 8)$

$$11) (u + 3v^2)^2$$

$$12) (8x^2 + 7y)(8x^2 - 7y)$$

$$13) (-2x^2 - 6y^2)^2$$

$$14) (-10v + u)(-10v - u)$$

$$15) (5x^2 - 6y)(5x^2 + 6y)$$

$$16) (-7x + 7y)(-7x - 7y)$$

$$17) (8m + 9n)(8m - 9n)$$

$$18) (-5x + 6y)(-5x - 6y)$$

$$19) (x - 3y)^2$$

$$20) (-5m + 2n)^2$$