

Multiplying Polynomials

Period _____

Find each product.

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

2) $(m + 1)(m + 5)$

3) $(-7p + 1)(p - 7)$

4) $(6v - 2)(2v - 3)$

5) $(8a + 2)^2$

6) $(6x - 7)^2$

7) $(6r - 1)(6r + 1)$

8) $(5n + 6)(5n - 6)$

9) $(2r - 7)(8r^2 + 8r + 2)$

10) $(-7x + 1)(5x^2 + x - 7)$

$$11) (3x^2 - 4x - 2)(5x - 2)$$

$$12) (4b^2 + 2b + 5)(2b + 4)$$

$$13) (3r^2 - 2r - 1)(5r^2 - r - 7)$$

$$14) (-2n^2 + 3n + 6)(2n^2 - 3n + 5)$$

$$15) (-7r^2 + r - 8)(7r^2 + 2r - 7)$$

$$16) (-10u - 11v)(-7u - 11v)$$