

Multiplying Polynomials

Date _____ Period _____

Find each product.

1) $(4p + 3)(4p + 4)$

2) $(3x + 5)(8x - 8)$

3) $(6k + 2)(8k - 5)$

4) $(6m - 4)(7m - 7)$

5) $(5x - 4)(3x + 5)$

6) $(5m + 8)(4m - 2)$

$$7) (7x + 6)(3x - 8)$$

$$8) (8p + 4)(4p - 7)$$

$$9) (7a - 6)(4a + 5)$$

$$10) (5a + 1)(a + 5)$$

$$11) (7n + 1)(7n - 1)$$

$$12) (6x - 5)^2$$

$$13) (5n + 6)(5n - 6)$$

$$14) (k - 8)(k + 8)$$

Answers to Multiplying Polynomials (ID: 1)

1) $16p^2 + 28p + 12$

5) $15x^2 + 13x - 20$

9) $28a^2 + 11a - 30$

13) $25n^2 - 36$

2) $24x^2 + 16x - 40$

6) $20m^2 + 22m - 16$

10) $5a^2 + 26a + 5$

14) $k^2 - 64$

3) $48k^2 - 14k - 10$

7) $21x^2 - 38x - 48$

11) $49n^2 - 1$

4) $42m^2 - 70m + 28$

8) $32p^2 - 40p - 28$

12) $36x^2 - 60x + 25$