



Numbers, Relations & Functions 10

Name _____

Mutilpying Polynomials

Date _____

Find each product.

★ 1) $5(6b + 3)$

★ 2) $8(6r + 3)$

★ 3) $2(8x + y)$

★ 4) $5mn(3m + 2n)$

★ 5) $7(x - 7y)$

★ 6) $2mn(8m - 2n)$

7) $(4x - 2y)(6x + 6y)$

8) $(6x + 3y)(4x - 7y)$

9) $(2x + 5y)(7x - 8y)$

10) $(3x + 6y)(5x - 8y)$

11) $(5x - 4y)(5x^2 - 4xy + 6y^2)$

12) $(8x - 7y)(6x^2 + 8xy + 3y^2)$

13) $(6a^2 - 2a - 3)(8a + 2)$

14) $(2k^2 + 8k - 2)(7k + 4)$

15) $(7a^2 - 2ab + 2b^2)(a^2 - 2ab - 8b^2)$

16) $(x^2 - 4xy + 2y^2)(x^2 - 2xy - 7y^2)$