

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Find the product of each expression.

1) $(3r + 4)(3r - 4)$

6) $(3y + 4)^2$

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

7) $(s + 5)(s - 5)$

3) $(6z - 8)^2$

8) $(3b + 8)(3b - 8)$

4) $(4q + 3)(4q - 3)$

9) $(x + 9)(x - 9)$

5) $(p - 3)^2$

10) $(g + 7)(g - 7)$



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Find the product of each expression.

1) $(3r + 4)(3r - 4)$

$$9r^2 - 16$$

6) $(3y + 4)^2$

$$9y^2 + 24y + 16$$

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

$$49x^2 - 84x + 36$$

7) $(s + 5)(s - 5)$

$$s^2 - 25$$

3) $(6z - 8)^2$

$$36z^2 - 96z + 64$$

8) $(3b + 8)(3b - 8)$

$$9b^2 - 64$$

4) $(4q + 3)(4q - 3)$

$$16q^2 - 9$$

9) $(x + 9)(x - 9)$

$$x^2 - 81$$

5) $(p - 3)^2$

$$p^2 - 6p + 9$$

10) $(g + 7)(g - 7)$

$$g^2 - 49$$

