

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

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## Multiplying Monomials and Polynomials

Find the product of each expression.

1)  $(6d + 3)(6d - 3)$

6)  $(z - 9)^2$

2)  $(r + 7)(r - 7)$

7)  $(z + 9)^2$

3)  $(h + 3)(h - 3)$

8)  $(4p + 3)^2$

4)  $(3s + 2)(3s - 2)$

9)  $(7k + 4)(7k - 4)$

5)  $(3c + 8)^2$

10)  $(h + 2)(h - 2)$



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Find the product of each expression.

1)  $(6d + 3)(6d - 3)$

$$36d^2 - 9$$

6)  $(z - 9)^2$

$$z^2 - 18z + 81$$

2)  $(r + 7)(r - 7)$

$$r^2 - 49$$

7)  $(z + 9)^2$

$$z^2 + 18z + 81$$

3)  $(h + 3)(h - 3)$

$$h^2 - 9$$

8)  $(4p + 3)^2$

$$16p^2 + 24p + 9$$

4)  $(3s + 2)(3s - 2)$

$$9s^2 - 4$$

9)  $(7k + 4)(7k - 4)$

$$49k^2 - 16$$

5)  $(3c + 8)^2$

$$9c^2 + 48c + 64$$

10)  $(h + 2)(h - 2)$

$$h^2 - 4$$

