

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

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

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

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

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## Multiplying Monomials and Polynomials

Simplify each expression.

1)  $(s + 9)(s - 3)$

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

2)  $(y + 4)(8y - 6)$

7)  $(4k - 2)(k + 6)$

3)  $(6x - 3)(x - 9)$

8)  $(5y - 6)(9y + 2)$

4)  $(7g + 8)(6g - 5)$

9)  $(k + 6)(k - 3)$

5)  $(x + 7)(x + 2)$

10)  $(b + 7)(2b - 4)$



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## Multiplying Monomials and Polynomials

Simplify each expression.

1)  $(s + 9)(s - 3)$

$$s^2 + 6s - 27$$

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

$$6g^2 - 22g - 40$$

2)  $(y + 4)(8y - 6)$

$$8y^2 + 26y - 24$$

7)  $(4k - 2)(k + 6)$

$$4k^2 + 22k - 12$$

3)  $(6x - 3)(x - 9)$

$$6x^2 - 57x + 27$$

8)  $(5y - 6)(9y + 2)$

$$45y^2 - 44y - 12$$

4)  $(7g + 8)(6g - 5)$

$$42g^2 + 13g - 40$$

9)  $(k + 6)(k - 3)$

$$k^2 + 3k - 18$$

5)  $(x + 7)(x + 2)$

$$x^2 + 9x + 14$$

10)  $(b + 7)(2b - 4)$

$$2b^2 + 10b - 28$$

