

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

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

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

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

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## Multiplying Monomials and Polynomials

Simplify each expression.

1)  $(r - 5)(r - 7)$

6)  $(h + 8)(7h + 5)$

2)  $(b + 9)(5b + 4)$

7)  $(8p - 5)(p - 7)$

3)  $(2c - 7)(c + 3)$

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

4)  $(9k + 6)(3k - 5)$

9)  $(y + 5)(y - 3)$

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

10)  $(d + 2)(3d + 9)$



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## Multiplying Monomials and Polynomials

**Simplify each expression.**

1)  $(r - 5)(r - 7)$

$$r^2 - 12r + 35$$

6)  $(h + 8)(7h + 5)$

$$7h^2 + 61h + 40$$

2)  $(b + 9)(5b + 4)$

$$5b^2 + 49b + 36$$

7)  $(8p - 5)(p - 7)$

$$8p^2 - 61p + 35$$

3)  $(2c - 7)(c + 3)$

$$2c^2 - 1c - 21$$

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

$$48q^2 + 20q - 8$$

4)  $(9k + 6)(3k - 5)$

$$27k^2 - 27k - 30$$

9)  $(y + 5)(y - 3)$

$$y^2 + 2y - 15$$

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

$$x^2 - 11x + 24$$

10)  $(d + 2)(3d + 9)$

$$3d^2 + 15d + 18$$

