

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

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

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## Multiplying Monomials and Polynomials

Simplify each expression.

1)  $4(7b - 6)$

6)  $5(7q^2 - 3q + 2)$

2)  $5y(7y + 3x)$

7)  $2(6c + 9h)$

3)  $4(9g - 7)$

8)  $3(7c^2 - 2cy + 4y^2)$

4)  $4(9q + 6b)$

9)  $6c(2c + 7r)$

5)  $7(8q^2 - 9q + 4)$

10)  $2(7d^2 + 6dg + 5g^2)$



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## Multiplying Monomials and Polynomials

Simplify each expression.

1)  $4(7b - 6)$

$$28b - 24$$

6)  $5(7q^2 - 3q + 2)$

$$35q^2 - 15q + 10$$

2)  $5y(7y + 3x)$

$$35y^2 + 15yx$$

7)  $2(6c + 9h)$

$$12c + 18h$$

3)  $4(9g - 7)$

$$36g - 28$$

8)  $3(7c^2 - 2cy + 4y^2)$

$$21c^2 - 6cy + 12y^2$$

4)  $4(9q + 6b)$

$$36q + 24b$$

9)  $6c(2c + 7r)$

$$12c^2 + 42cr$$

5)  $7(8q^2 - 9q + 4)$

$$56q^2 - 63q + 28$$

10)  $2(7d^2 + 6dg + 5g^2)$

$$14d^2 + 12dg + 10g^2$$

