

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Simplify each expression.

1) $9(4x + 3s)$

6) $5(2g - 7q)$

2) $6c(8c^2 + 7cn + 4n^2)$

7) $4h^2(9h^2 - 2h - 6)$

3) $8(3k + 5)$

8) $7d(8d^2 + 9d + 5)$

4) $5z(6z^2 - 9z - 7)$

9) $2k(4k + 7r)$

5) $8(3k + 7)$

10) $5g(2g - 8b)$



Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Simplify each expression.

1) $9(4x + 3s)$

$$36x + 27s$$

6) $5(2g - 7q)$

$$10g - 35q$$

2) $6c(8c^2 + 7cn + 4n^2)$

$$48c^3 + 42c^2n + 24n^2c$$

7) $4h^2(9h^2 - 2h - 6)$

$$36h^4 - 8h^3 - 24h^2$$

3) $8(3k + 5)$

$$24k + 40$$

8) $7d(8d^2 + 9d + 5)$

$$56d^3 + 63d^2 + 35d$$

4) $5z(6z^2 - 9z - 7)$

$$30z^3 - 45z^2 - 35z$$

9) $2k(4k + 7r)$

$$8k^2 + 14kr$$

5) $8(3k + 7)$

$$24k + 56$$

10) $5g(2g - 8b)$

$$10g^2 - 40gb$$

