

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Simplify each expression.

1) $2k(8k + 4)$

6) $3x(5x + 4d)$

2) $3x(7x^2 + 6x + 5)$

7) $4n(8n^2 - 2n + 6)$

3) $3n(2n^2 + 4nb + 6b^2)$

8) $7y(2y + 6z)$

4) $8(6r + 5)$

9) $4(3x - 5)$

5) $8n(7n + 9)$

10) $5p(3p^2 + 2pq - 6q^2)$



Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Simplify each expression.

1) $2k(8k + 4)$

$$16k^2 + 8k$$

6) $3x(5x + 4d)$

$$15x^2 + 12xd$$

2) $3x(7x^2 + 6x + 5)$

$$21x^3 + 18x^2 + 15x$$

7) $4n(8n^2 - 2n + 6)$

$$32n^3 - 8n^2 + 24n$$

3) $3n(2n^2 + 4nb + 6b^2)$

$$6n^3 + 12n^2b + 18b^2n$$

8) $7y(2y + 6z)$

$$14y^2 + 42yz$$

4) $8(6r + 5)$

$$48r + 40$$

9) $4(3x - 5)$

$$12x - 20$$

5) $8n(7n + 9)$

$$56n^2 + 72n$$

10) $5p(3p^2 + 2pq - 6q^2)$

$$15p^3 + 10p^2q - 30q^2p$$

