

Name : _____

Score : _____

Teacher : _____

Date : _____

Multiplying Monomials and Polynomials

Simplify each expression.

1) $2(6y^2 - 7y - 9)$

6) $6(7r^2 - 2r - 5)$

2) $7(9b - 4)$

7) $3(9z + 7c)$

3) $4(6g + 5)$

8) $8(6p^2 - 9p - 7)$

4) $8(7r - 9p)$

9) $9(7z + 6q)$

5) $2(3n^2 - 4ns + 7s^2)$

10) $6(5z^2 + 9zn - 4n^2)$



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Multiplying Monomials and Polynomials

Simplify each expression.

1) $2(6y^2 - 7y - 9)$

$$12y^2 - 14y - 18$$

6) $6(7r^2 - 2r - 5)$

$$42r^2 - 12r - 30$$

2) $7(9b - 4)$

$$63b - 28$$

7) $3(9z + 7c)$

$$27z + 21c$$

3) $4(6g + 5)$

$$24g + 20$$

8) $8(6p^2 - 9p - 7)$

$$48p^2 - 72p - 56$$

4) $8(7r - 9p)$

$$56r - 72p$$

9) $9(7z + 6q)$

$$63z + 54q$$

5) $2(3n^2 - 4ns + 7s^2)$

$$6n^2 - 8ns + 14s^2$$

10) $6(5z^2 + 9zn - 4n^2)$

$$30z^2 + 54zn - 24n^2$$

