

Distributive Property (I)

Use the distributive property to simply each expression.

$$2y(-9 + 8y)$$

$$5(9x + 8)$$

$$2a(-4a - 7)$$

$$(6b - 1)4$$

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

$$-9(1 - 9a)$$

$$8d(7 + d)$$

$$(-2 - 4x)$$

$$(6j + 1)(-4)$$

$$-5(-9 - 2y)$$

$$-7b(6b + 4)$$

$$(a + 5)2$$

$$4m(7 + 7m)$$

$$9j(4j + 4)$$

$$-5(-5a - 8)$$

$$4(2 + 6q)$$

$$5(8b - 6)$$

$$9f(-6 + 4f)$$

$$(6d - 3)2$$

$$9p(5 - 3p)$$

Distributive Property (I) Answers

Use the distributive property to simply each expression.

$$2y(-9 + 8y)$$
$$16y^2 - 18y$$

$$5(9x + 8)$$
$$45x + 40$$

$$2a(-4a - 7)$$
$$-8a^2 - 14a$$

$$(6b - 1)4$$
$$24b - 4$$

$$-2k(7k + 3)$$
$$-14k^2 - 6k$$

$$-9(1 - 9a)$$
$$81a - 9$$

$$8d(7 + d)$$
$$8d^2 + 56d$$

$$(-2 - 4x)$$
$$-4x - 2$$

$$(6j + 1)(-4)$$
$$-24j - 4$$

$$-5(-9 - 2y)$$
$$10y + 45$$

$$-7b(6b + 4)$$
$$-42b^2 - 28b$$

$$(a + 5)2$$
$$2a + 10$$

$$4m(7 + 7m)$$
$$28m^2 + 28m$$

$$9j(4j + 4)$$
$$36j^2 + 36j$$

$$-5(-5a - 8)$$
$$25a + 40$$

$$4(2 + 6q)$$
$$24q + 8$$

$$5(8b - 6)$$
$$40b - 30$$

$$9f(-6 + 4f)$$
$$36f^2 - 54f$$

$$(6d - 3)2$$
$$12d - 6$$

$$9p(5 - 3p)$$
$$-27p^2 + 45p$$