

Student Name: _____

Score: _____

Multiply the Monomials

Work Space

$$(4x) \cdot (-2y) = \underline{\hspace{2cm}}$$

$$(2x^2y) \cdot (4y) = \underline{\hspace{2cm}}$$

$$(-4a) \cdot (3abc) = \underline{\hspace{2cm}}$$

$$(-6x^3y) \cdot (-7xy^2) = \underline{\hspace{2cm}}$$

$$(4x)^2 \cdot (-y)^2 = \underline{\hspace{2cm}}$$

$$(2mn) \cdot (9mn^3) = \underline{\hspace{2cm}}$$

$$(-x^5) \cdot (y^3) = \underline{\hspace{2cm}}$$

$$(5pq) \cdot (-7qr) = \underline{\hspace{2cm}}$$

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Answers

$$(4x) \cdot (-2y) = -8xy$$

$$(2x^2y) \cdot (4y) = 8x^2y^2$$

$$(-4a) \cdot (3abc) = -12a^2bc$$

$$(-6x^3y) \cdot (-7xy^2) = 42x^4y^3$$

$$(4x)^2 \cdot (-y)^2 = 16x^2y^2$$

$$(2mn) \cdot (9mn^3) = 18m^2n^4$$

$$(-x^5) \cdot (y^3) = -x^5y^3$$

$$(5pq) \cdot (-7qr) = -35pq^2r$$