

Student Name: _____

Score: _____

Multiply

Work Space

$$(x) \cdot (x + 1) = \underline{\hspace{2cm}}$$

$$(-a) \cdot (b + c) = \underline{\hspace{2cm}}$$

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

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

$$(-3a^2)^2 \cdot (c - b) = \underline{\hspace{2cm}}$$

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

$$(a + 1) \cdot (a) = \underline{\hspace{2cm}}$$

$$(5x) \cdot (x + 6y) = \underline{\hspace{2cm}}$$

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Answers

$$(x) \cdot (x + 1) = x^2 + x$$

$$(-a) \cdot (b + c) = -ab - ac$$

$$(-x) \cdot (y - z) = -xy + xz$$

$$(-a^3) \cdot (-2a + 4a^2) = 2a^4 - 8a^5$$

$$(-3a^2)^2 \cdot (c - b) = 9a^4c - 9a^4b$$

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

$$(a + 1) \cdot (a) = a^2 + a$$

$$(5x) \cdot (x + 6y) = 5x^2 + 30xy$$