

Name : \_\_\_\_\_

## Multiplying Monomials & Binomials

Sheet 3

Find the product using box method.

1)  $-19q^5(3q^2 - 1)$

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2)  $-u^3vw^4(u^5 - v^2w)$

--	--

3)  $4(18a^6 + 4a^3)$

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5)  $25d^5(d^4 - cd)$

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7)  $y^6(-23y^6 + 10)$

--	--

8)  $-3m^2(-m^5 - m^3)$

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**Multiplying Monomials & Binomials**

Find the product using box method.

1)  $-19q^5(3q^2 - 1)$

	$3q^2$	$-1$
$-19q^5$	$-57q^7$	$19q^5$

$-57q^7 + 19q^5$

2)  $-u^3vw^4(u^5 - v^2w)$

	$u^5$	$-v^2w$
$-u^3vw^4$	$-u^8vw^4$	$u^3v^3w^5$

$-u^8vw^4 + u^3v^3w^5$

3)  $4(18a^6 + 4a^3)$

	$18a^6$
$4$	$72a^6$

$72a^6$

5)  $25d^5(d^4 - cd)$

	$d^4$
$25d^5$	$25d^9$

$25d^9$

7)  $y^6(-23y^6 + 10)$

	$-23y^6$	$10$
$y^6$	$-23y^{12}$	$10y^6$

$-23y^{12} + 10y^6$

8)  $-3m^2(-m^5 - m^3)$

	$-m^5$	$-m^3$
$-3m^2$	$3m^7$	$3m^5$

$3m^7 + 3m^5$

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