

Name : _____

Multiplying Monomials & Binomials

Sheet 2

Find the product using box method.

1) $-w^4(-w^6 - w^5)$

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2) $n^5(n^3 - 12)$

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3) $z^5(-22z^5 + 3)$

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5) $-4s^3(-17s^2 + 16)$

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7) $-6d(15d^3 + 5)$

--	--

8) $-3g^2(g^3h^5 - 7g^4h)$

--	--

Multiplying Monomials & Binomials

Find the product using box method.

1) $-w^4(-w^6 - w^5)$

	$-w^6$	$-w^5$
$-w^4$	w^{10}	w^9

$w^{10} + w^9$

2) $n^5(n^3 - 12)$

	n^3	-12
n^5	n^8	$-12n^5$

$n^8 - 12n^5$

3) $z^5(-22z^5 + 3)$

	$-22z^5$
z^5	$-22z^{10}$

$-22z^{10}$

	bc
z^5	abc^2

$z^5bc + abc^2$

5) $-4s^3(-17s^2 + 16)$

	$-17s^2$
$-4s^3$	$68s^5$

$68s^5$

	$-11m^4$
$-4s^3$	$-88m^4$

$-88m^4$

7) $-6d(15d^3 + 5)$

	$15d^3$	5
$-6d$	$-90d^4$	$-30d$

$-90d^4 - 30d$

8) $-3g^2(g^3h^5 - 7g^4h)$

	g^3h^5	$-7g^4h$
$-3g^2$	$-3g^5h^5$	$21g^6h$

$-3g^5h^5 + 21g^6h$

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