

Name : _____

Multiplying Binomials

Multi-variable: S2

Multiply the following.

1) $(-t^5 + 4u^6v)(-3t^5 - 12u^6v)$

2) $(h - 8g)(h - 8g)$

3) $(10m + n^3)(n$

PREVIEW

$2 + \frac{6}{5}pr)$

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5) $(-\frac{2}{5}yz - 2)(5$

$)(-7w^2x^2 + 11w^3)$

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7) $(-3cd + 1)(9 + 7cd)$

8) $(a^2 - a^3b^5)(-15 - ab^5)$

Name : _____

Answer key

Multi-variable: S2

Multiplying Binomials

Multiply the following.

1) $(-t^5 + 4u^6v)(-3t^5 - 12u^6v)$

2) $(h - 8g)(h - 8g)$

$-48u^{12}v^2 + 3t^{10}$

$64g^2 + h^2 - 16gh$

3) $(10m + n^3)(n$

PREVIEW

$2 + \frac{6}{5}pr)$

$n^6 - 100m^2$

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$3qr + 6pr + 60$

5) $(-\frac{2}{5}yz - 2)(5$

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$)(-7w^2x^2 + 11w^3)$

$-2y^2z^2 - 22y$

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$w^3x^4 - 121w^4x^2$

7) $(-3cd + 1)(9 + 7cd)$

8) $(a^2 - a^3b^5)(-15 - ab^5)$

$-21c^2d^2 - 20cd + 9$

$a^4b^{10} + 10a^3b^5 - 15a^2$