

Name : _____

Multiplying Binomials

Sheet 3

Multiply the binomials by FOIL method.

1) $(d^3 + d^2)(d^3 + d^2)$

2) $(-9k - 10)(-3k - 4)$

3) $(-5xy + 2)(xy$

PREVIEW

$1a^3)$

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5) $(12u - 6)(-4u$

$1a^3)$
 $1a^3)$
 $pq + 6)$

7) $(-8g - 4h^2)(-7h^3 + 12gh)$

8) $(7b^3 + 3)(7b^3 - 3)$

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Multiplying Binomials

Multiply the binomials by FOIL method.

1) $(d^3 + d^2)(d^3 + d^2)$

2) $(-9k - 10)(-3k - 4)$

$d^6 + 2d^5 + d^4$

$27k^2 + 66k + 40$

3) $(-5xy + 2)(xy$

PREVIEW

$1a^3)$

$-5x^2y^2 + 57xy$

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$+ 35a^3 - 7a^2$

5) $(12u - 6)(-4u$

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$4pq + 6)$

$-48u^2 + 12$

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$4r$

7) $(-8g - 4h^2)(-7h^3 + 12gh)$

8) $(7b^3 + 3)(7b^3 - 3)$

$28h^5 + 8gh^3 - 96g^2h$

$49b^6 - 9$