

Name : _____

Multiplying Binomials

Sheet 2

Multiply the binomials by FOIL method.

1) $(7x^3 - 4y)(-11y + 4x^2)$

2) $(-8h^3 + 12h)(3h^2 - 6)$

3) $(-12 + r^2)(2 +$

PREVIEW

$- 7q)$

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5) $(-c - b)(21c -$

$+ 3t^2)$

7) $(11s + 4)(-s - 8)$

8) $(5u^3v + 2)(-10u^3v + 4)$

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Multiplying Binomials

Multiply the binomials by FOIL method.

1) $(7x^3 - 4y)(-11y + 4x^2)$

2) $(-8h^3 + 12h)(3h^2 - 6)$

$28x^5 - 77x^3y - 16x^2y + 44y^2$

$-24h^5 + 84h^3 - 72h$

3) $(-12 + r^2)(2 +$

PREVIEW

$- 7q)$

$r^5 - 12r^3 + 2$

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$- 9pq + 63q$

5) $(-c - b)(21c -$

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$+ 3t^2)$

$b^2 - 20bc - 2$

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7) $(11s + 4)(-s - 8)$

8) $(5u^3v + 2)(-10u^3v + 4)$

$-11s^2 - 92s - 32$

$-50u^6v^2 + 8$