

Name : _____

Multiplying Binomials

Sheet 1

Multiply the binomials by FOIL method.

1) $(-a^3 - 5)(-4a^2 - 2)$

2) $(7p - 3q)(3p - 8q)$

3) $(tu + u^3)(-u^2$

$+ 1)$

5) $(12g - 7)(12g$

$on + 2m)$

7) $(-18b^2 + 6)(1 - 2c^3)$

8) $(5k^3 + 15k^2)(-6k^2 - 2k^3)$

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Multiplying Binomials

Multiply the binomials by FOIL method.

1) $(-a^3 - 5)(-4a^2 - 2)$

2) $(7p - 3q)(3p - 8q)$

$4a^5 + 2a^3 + 20a^2 + 10$

$21p^2 - 65pq + 24q^2$

3) $(tu + u^3)(-u^2$

+ 1)

PREVIEW

$-u^5 + 2tu^3 +$

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+ 2

5) $(12g - 7)(12g$

+ 2m)

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$144g^2 - 49$

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7) $(-18b^2 + 6)(1 - 2c^3)$

8) $(5k^3 + 15k^2)(-6k^2 - 2k^3)$

$36b^2c^3 - 12c^3 - 18b^2 + 6$

$-10k^6 - 60k^5 - 90k^4$