

Name: _____

Date: _____ Pd _____

Factoring out a GCF Review

$$8x^3y^6 + 12xy^2$$

Step 1: Find the GCF

GCF:

Step 2: DIVIDE the polynomial by the GCF

$$\frac{8x^3y^6}{\quad} + \frac{12xy^2}{\quad}$$

Step 3: REWRITE

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$$3x^2y - 9x$$

$$-10x^2 - 15x^2y$$

$$-8xy^4 - 20xy^3$$