

Factor GCF of a Polynomial

Name: \_\_\_\_\_

Practice Assignment

Date: \_\_\_\_\_ Block: \_\_\_\_\_

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Review: Multiply the polynomials

a.  $(x + 4)(x - 3)$

b.  $(x + 8)^2$

c.  $(2x + 4)(5x - 1)$

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Factor the following polynomials.

1.  $x^2 + 10x$

2.  $x^2 - 9x$

3.  $x^2 - 6x$

4.  $3b^2 - 81b$

5.  $10x^2 + 40x$

6.  $8x^2 + 24x$

10.  $-2x^2 - 4x$

11.  $-30x^2 + 25x$

12.  $-28x^2 - 14x$