

NAME \_\_\_\_\_

DATE \_\_\_\_\_

**Module 12** Simplifying Algebraic Expressions  
by Factoring Polynomials  
**Lesson 6** Factoring Using Several Methods



**guided  
practice**

**Set 1**1. Factor completely:  $4x^3 - 100x$ 

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2. Factor completely:  $2x^2 + 12x + 10$ 

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3. Factor completely:  $6b^3 - 9b^2 - 6b$ 

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4. Factor completely:  $2a^6 - 162a^2$ 

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