

NAME _____

DATE _____

Module 12 Simplifying Algebraic Expressions
by Factoring Polynomials

Lesson 1 Factoring by Removing the Greatest
Common Factor



**guided
practice**

Set 1**Factor, if possible.**

1. $8c + 12$

2. $6z^2 - 8z + 12$

3. $20x^2 - 12x + 15$

Set 2**Factor, if possible.**

1. $2x^2y^2 - 4xy^4 + 10x^4y^3$

2. $12a^3b^2 + 12ab^2$

3. $s^4t^4 - 3s^3t^3 + 6s^2t^2$

