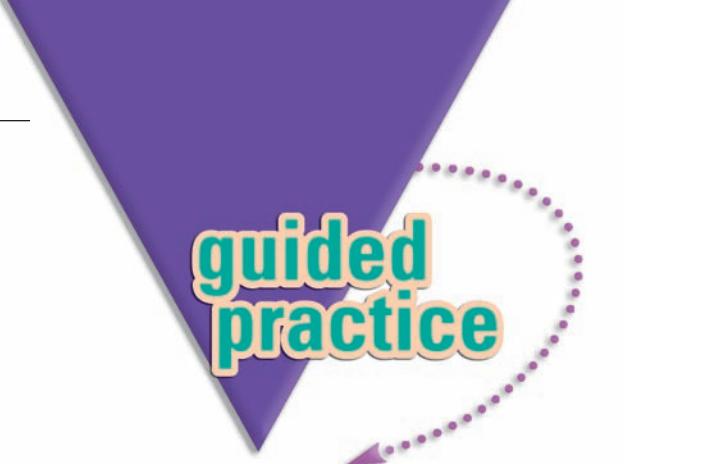


- Module 12** Simplifying Algebraic Expressions  
by Factoring Polynomials
- Lesson 1** Factoring by Removing the Greatest  
Common Factor



**guided  
practice**

**Set 1****Factor, if possible.**

1.  $8c + 12$

$4(2c + 3)$

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

$2(3z^2 - 4z + 6)$

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

No common monomial factor**Set 2****Factor, if possible.**

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

$2xy^2(x - 2y^2 + 5x^3y)$

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

$12ab^2(a^2 + 1)$

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

$s^2t^2(s^2t^2 - 3st + 6)$

