

**Warm Up 54.1**  
Pre-Algebra 1.2

Name \_\_\_\_\_

Simplify:

$$4m^2 (2m^3 + 3m^4) - m^4 (3m + 9m^4)$$

$$(3p^2 + 4p^2 + 8m^2 + 7.5p^2 + 4m^5 - 2p^4) \cdot (1^{56} - 3 + 2)$$

$$(-2x^2)^3$$

$$-(2x^2)^3$$

$$\frac{5z^2 (4z^3 - 2z^3)}{10z^4}$$

$$15x^2y^3 - 3x^3y^2 =$$

Factor  $15x^2y^3 - 3x^3y^2 =$  \_\_\_\_\_ ( \_\_\_\_\_ + \_\_\_\_\_ )

$$3(4c - 2) - 2c(5 - 3c) - 6(c^2 - 1/3c) + 1$$

