

# Warm Up Questions

1.  $200x^5y^3z^2 - 300y^2z^3 + 75x^4y^2$   
 $= 25y^2(8x^5yz^2 - 12z^3 + 3x^4)$

2.  $14a^3b^6c + 56b^5c^3 - 70a^2b^7c^2$   
 $14b^5c(1a^3b + 4c^2 - 5a^2b^2c)$

3.  $16m^8n^3p^2 - 32m^5n^2p$   
 $= 16m^5n^2p(1m^3n^1p^1 - 2)$

$$\begin{array}{c} 2x + 2y \\ \text{---} \\ 2(x+y) \\ \text{---} \\ 2x + 2y \end{array}$$