

# Warm Up Questions

1.  $\underline{200x^5y^3z^2} - \underline{300y^2z^3} + \underline{75x^4y^2}$

$$25y^2(8x^5yz^2 - 12z^3 + 3x^4)$$

2.  $\underline{14a^3b^6c^1} + \underline{56b^5c^3} - \underline{70a^2b^7c^2}$

$$= 14b^5c^1(1a^3b^1 + 4c^2 - 5a^2b^2c^1)$$

3.  $\underline{16m^8n^3p^2} - \underline{32m^5n^2p}$

$$16m^5n^2p^1(1m^3n^1p^1 - 2)$$

$$\begin{aligned} & -48x^3y^4z^2 - 60x^4y^5 - 24x^3y^4 \\ & = -12x^3y^4(4z^2 + 5xy + 2) \end{aligned}$$