

**Section 2.1 and 2.2 – Final Exam Prep**

Answer the following three questions, show as many steps as you need to, write clearly and neatly.

1. Use the Exponent Radical Relationship to Simplify the Following

$$\sqrt[3]{8x^6y^9z^{12}}$$

Simplify the following

2.  $\sqrt{25x^6y^{11}}$

3.  $\sqrt[6]{128x^6y^{12}}$

4.  $\sqrt[3]{-32x^5y^7}$