**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_**

**Review: EXPONENTS**

Simplify the following expressions. Make sure that your answers will have NO NEGATIVE EXPONENTS AND NO ZERO EXPONENTS. Circle your final answer.

**Read each problem then do what is required. Simplify your answers. Show your work. Circle your final answer.**

1. The volume, V, of a cube is given by the formula V = e3, where is the length of one edge of the cube. Suppose that the length of one edge is 3xy2, write a simplified expression for the volume.
2. The volume of a rectangular solid is *V = lwh*. Where *l* is the length, *w* is the width and *h* is the height. Find the Volume of the given figure below.

*2n*

1. The area of a triangle is , where *b* represents the base of the triangle and *h* is the altitude. Find the area of the given triangle.