

**Pre-Algebra
Secondary Education
MAFS.8.EE.1.2**



**Calculator Neutral
for this Standard**

Name: _____ Date: ___/___/___

1. What is the value of x when $x^3 = 0.008$?

2. A cube with a side length of x has a volume of 125 cubic units. What is the length of the side of the cube?

3. What is the value of y when $y^2 = 0.25$?

4. A square is cut in half at the diagonal creating 2 equal right triangles. Each right triangle has an area of 12.5 square units. What is the side length of the square?

5. Frozen Treats makes flavored ice cubes to go into soft drinks in a variety of flavors. If each ice cube is a perfect cube with a volume of 64 cubic centimeters, what is the side length of each flavored ice cube?