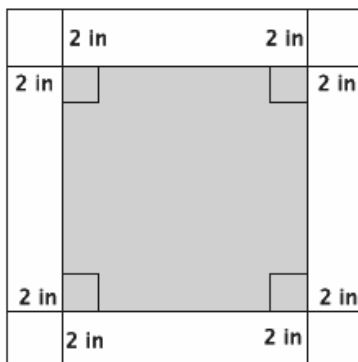Name _____   Date _____
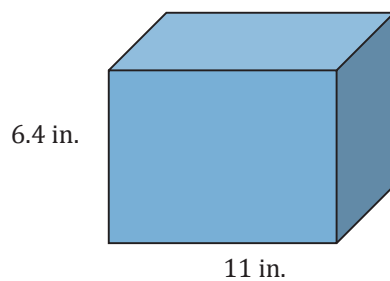
Lesson 9: Examples of Functions from Geometry

1. Write a function that would allow you to calculate the area in square inches, A, of a 2-inch white border for any sized square figure with sides of length s measured in inches.

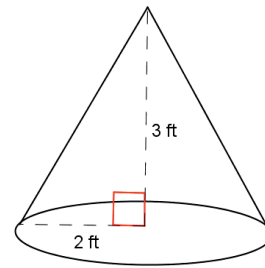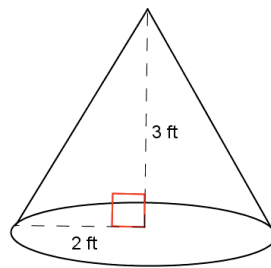2. The volume of the rectangular prism is 295.68 in^3. What is its width?
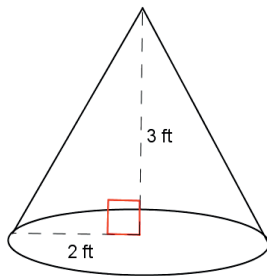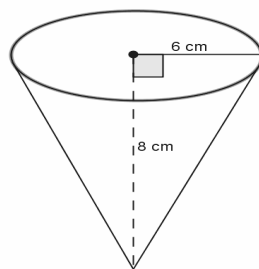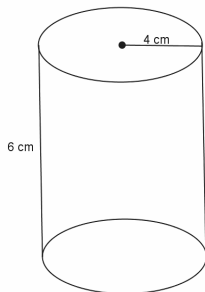
Name _____   Date _____

Lesson 10: Volumes of Familiar Solids—Cones and Cylinders

Exit Ticket

1. Use the diagram to find the total volume of the three cones shown below.

2. Use the diagram below to determine which has the greater volume, the cone or the cylinder.
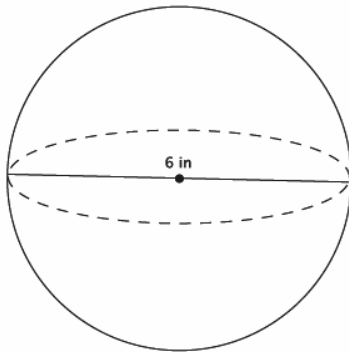
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Lesson 11: Volume of a Sphere

1. What is the volume of the sphere shown below?

2. Which of the two figures below has the greater volume?