Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_  
Geometry // Mr. Burke

Chapter 11: Surface Area & Volume  
Extra Practice

**For questions 1 – 9, find the surface area and volume of each figure. Round to the nearest tenth if necessary.**

****

1)



2)

3)

4)

5) 

6) 

7)



8)

9) 

10) If two similar figures have sides in the ratio 2:7, what is the ratio of their areas?

11) What is the height, to the nearest tenth, of a cone whose volume is 392 cm3, and whose diameter is 10?

12) What is the surface area, to the nearest square inch, of a sphere whose volume is   
2256 in3?

13) What is the slant height of a cone, to the nearest hundredth, whose lateral area is   
234 m2 and whose radius is 8 m?