

Chapter 12 Study Guide

17 Questions

- Questions 1 – 7 → Find the surface area of each solid
- 2 cones, 1 pyramid, 1 sphere, 1 cylinder, 1 prism, 1 composite solid
- You might have to solve for missing segments like the slant height, and you might have to use trig ratios
- Questions 8 – 14 → Find the volume of each solid
- 3 prisms, 1 pyramid, 1 cone, 1 cylinder, 1 sphere
- Here, you may need to use trig ratios to solve for missing pieces
- Questions 15 and 16 → Tell whether the solids are similar. If they are similar, determine the scale factor
- Question 17 → Given the scale factor, SA and V of one solid, find the missing SA and V of the other solid