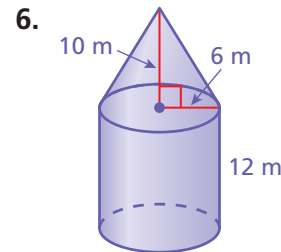
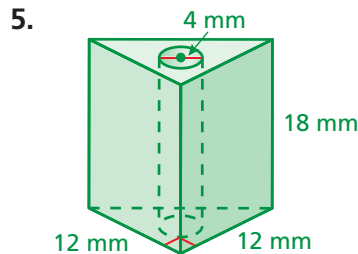
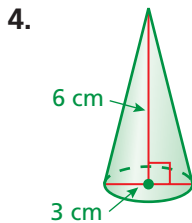
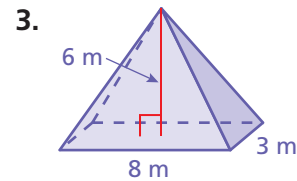
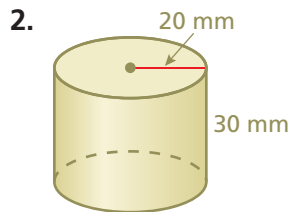
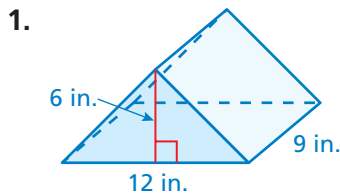


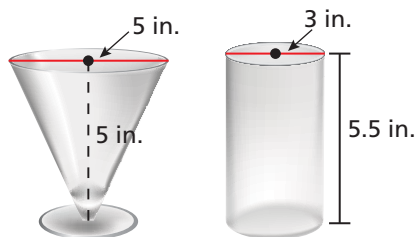
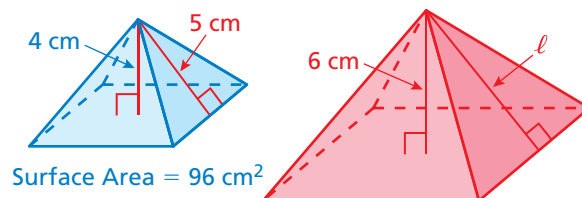
7 Chapter Test

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Find the volume of the solid. Round your answer to the nearest tenth.

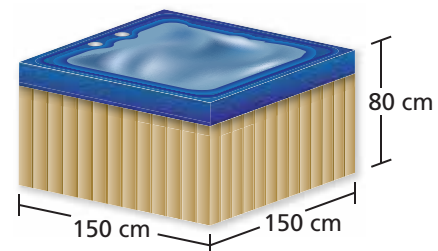


7. The pyramids are similar.
- Find the missing dimension.
 - Find the surface area of the red pyramid.



8. **SMOOTHIES** You are making smoothies. You will use either the cone-shaped glass or the cylindrical glass. Which glass holds more? About how much more?

9. **CAPACITY** A baseball team uses a heated tub to treat injuries. What is the capacity of the tub in liters? (1 L = 1000 cm^3)



10. **WAFFLE CONES** The ratio of the corresponding linear measures of two similar waffle cones is 3 to 4. The smaller cone has a volume of about 18 cubic inches. Find the volume of the larger cone. Round your answer to the nearest tenth.
11. **OPEN-ENDED** Draw two different composite solids that have the same volume, but different surface areas. Explain your reasoning.