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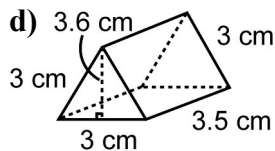
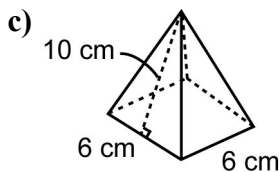
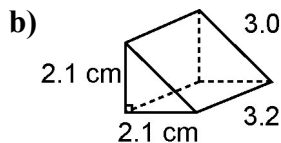
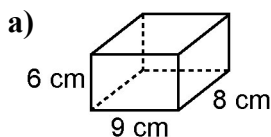
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**BLM 8.3.3**

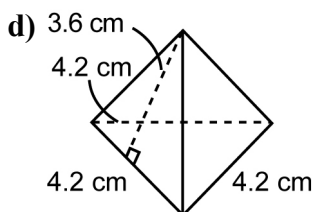
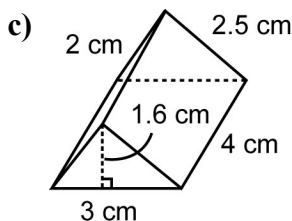
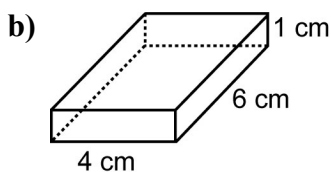
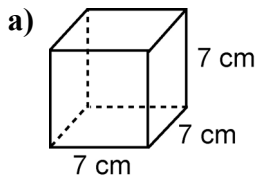
# Practice: Surface Area and Volume of Prisms and Pyramids

For all questions, round your answer to the nearest tenth of a unit when necessary.

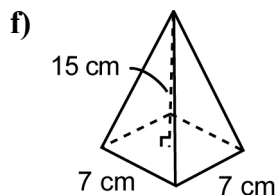
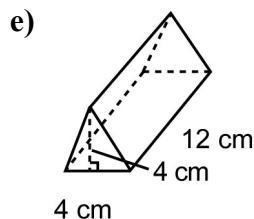
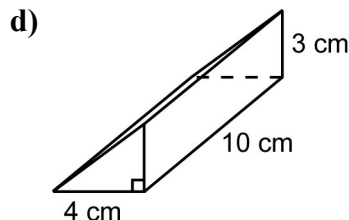
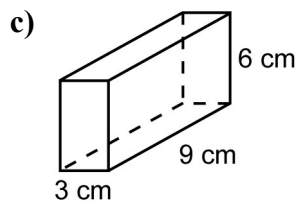
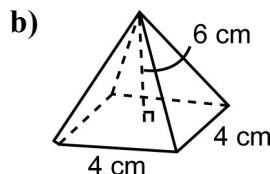
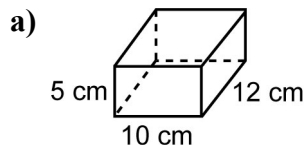
1. Draw a net for each object. Find the area of each face, then find the surface area of the object.



2. Find the surface area of each object.



3. Find the volume of each object.



4. A rectangular prism has length 8 cm, width 9 cm, and volume  $504 \text{ cm}^3$ . What is the height of the prism?

5. Find the dimensions of each cube.

a) a cube with volume  $1728 \text{ cm}^3$

b) a cube with surface area  $726 \text{ cm}^2$