

Math 9 – Unit 5: Measurement

Name: _____

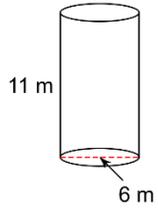
Lesson #3: Cones and Cylinders

Date: _____

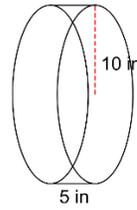
Learning Goal: We are learning to calculate the surface area and volume of cylinders and cones.

For each figure, draw the net, then calculate the surface area and the volume.

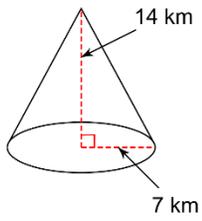
1.



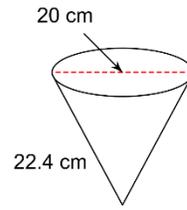
2.



3.



4.



Use the appropriate formula to solve for the missing measurement.

5. A Cylinder has a volume of 2769.48cm^3 with a height of 18cm . What is the length of the radius?

Success Criteria

- I can draw the net of a cylinder or cone
- I can use the appropriate formula to find the surface area or volume of a cone or cylinder
- If given the volume of a cone or cylinder, I can rearrange the equation to find the radius or height.