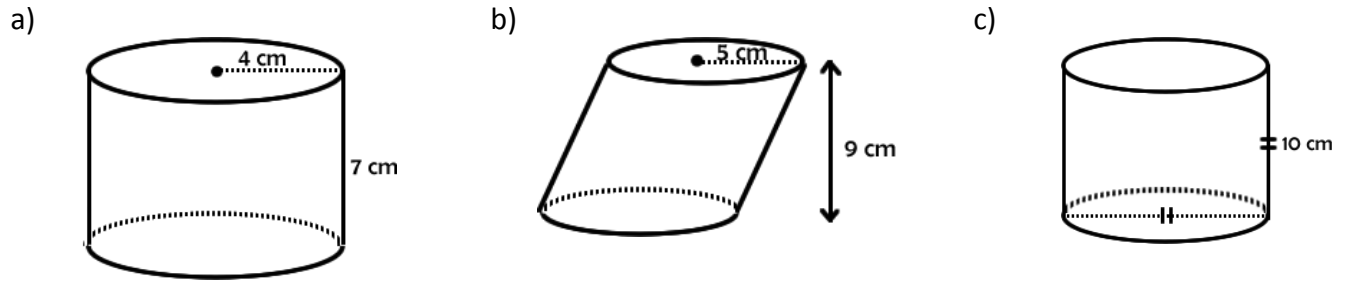
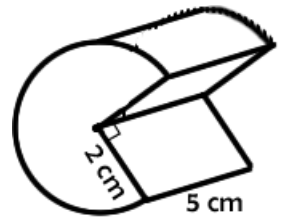


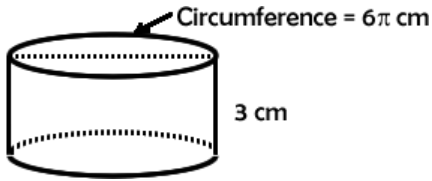
1. Determine the volume of the cylinder in terms of π .



2. Determine the volume of the cylinder, to the nearest hundredth of a cubic centimeter.



3. Determine the volume of the solid in terms of π . *Hint: you need to find the radius first!*



4. The shape of a slice of a cylinder may be any of the following except

- A) Rectangle
- B) Triangle
- C) Circle
- D) Ellipse

5. Draw an example of cylinder with a parallelogram slice:

6. Ryllie looks at the two cylinders below and says that the oblique cylinder has less volume because it is at an angle. The volume for the right cylinder is $V = \pi(3)^2(h)$ and the volume for the oblique cylinder is $V = \pi(3)^2(\sin 73^\circ)(h)$ because it is at an angle. Is she correct?

