Quiz 2 Review   Name: _____

A rectangular prism and a cylinder are shown below.

9 in

9 in

9 in

10 in

10 in
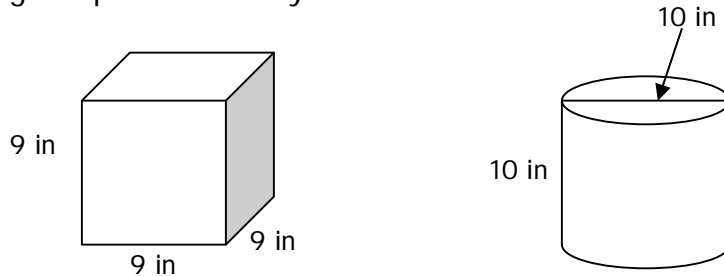
1. Which of the shapes has the greater volume? How much greater? Show how you found your answer.

2. Which of the shapes has the greater surface area? How much greater? Show how you found your answer.

3. If you stacked layers of unit cubes and parts of unit cubes inside each shape, how many layers would you need to fill the shape?

4. Could you put more unit cubes on one layer covering the base of the rectangular prism of the base of the cylinder? How many more? Show how you found your answer.