Solid Figures

1. The Grand Louvre, the main entrance to the Louvre Museum in Paris, France, has a square base and 5 faces, 8 edges, and 5 vertices. Which solid figure is it?

2. The Renaissance Center in Detroit, Michigan, has 2 circular bases in its design. Which solid figure is it?

3. Two girls are playing sports. Leanne is playing with a cylinder, and Samantha is playing with a sphere. Each girl is playing either basketball or hockey. Who is playing which sport? Explain.

4. How many different solid figures are in your classroom? List them.

5. Leon says that all cubes are rectangular prisms and all rectangular prisms are cubes. Is Leon correct? Explain.