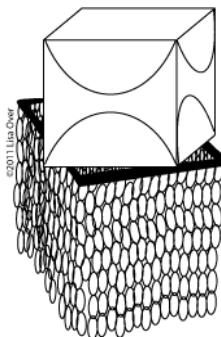


Real-World Geometry  
Inspiration® Activity Instructions

# Have you ever wondered what the world would be like ...if there were no spheres?



**Basketball would be rather tricky.**

In this activity, you will have a chance to consider some real-world objects and how their geometric form makes them useful or possible. To get started, select three geometric figures to study. These can be 2-D, 3-D, or a combination of both. On the attached example, I have selected cylinders (3-D), triangles (2-D), and cones (3-D).

For each figure you select, you will find the following information and arrange it into a concept map using Inspiration:

#### **Four Images**

- An illustration of the figure
- Three pictures of real world items that resemble the figure

#### **Three Written Statements**

- The definition of the figure
- One formula or theorem statement related to the figure
- One example of how the figure makes a real-world object or event useful or possible

#### **Additional Requirements**

- In the center block (the block from which all items originate), type your topic and name.
- Place each figure illustration in a main branch off of the center and type the name of the figure.
- Arrange each real-world example with one written statement.
- Be creative with the images, wording, and arrangement.
- Have fun!