

Name				Tools Assessment
IndependentWrite how many faces or flat surfaces, vertices, and edgesPracticeeach object has.				ledges
0	Object	Number of faces or flat surfaces	Number of vertices	Number of edges
3.				
4.				
5.				

 6. Higher Order Thinking Lily has an object that looks like a 3-D shape. The object has 2 flat surfaces and 0 vertices.

Draw an object that Lily could have.

## **Problem Solving** \* Solve each problem below.

7. This shape is a cone. Which shape below is also a cone? How do you know?



8. Reasoning Nikki and Ben each buy
I item from the store. Nikki's item has
4 more edges than vertices. Ben's item has the same number of flat surfaces and edges.

Draw a circle around Nikki's item. Draw a box around Ben's item.



- **9. Higher Order Thinking** Draw and label a 3-D shape. Then write a sentence describing your 3-D shape.
- IO. Assessment Practice I have
   6 faces. I have 8 vertices. Which 3-D
   shape could I be? Choose two that
   apply.
  - sphere
  - 🗌 cube
  - rectangular prism
  - cylinder