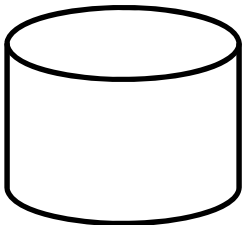
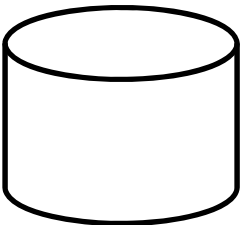
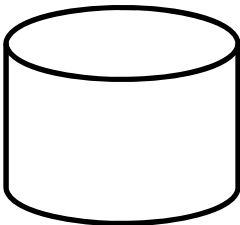
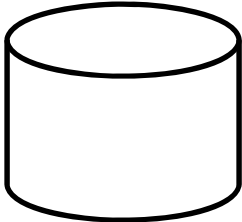
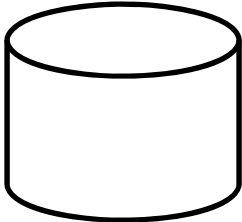
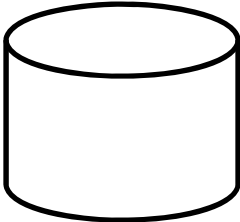


Website: <http://phet.colorado.edu/en/simulation/states-of-matter-basics>

### Checking My Understanding- Comparing Solids, Liquids, and Gases

Once at the site, hit the Run Now button. Complete the following matrix using the States of Matter (Basic) Simulation. Focus on similarities and differences.

State of Matter-NEON	Items to be compared		
	Solid	Liquid	Gas
Shape			
Space between atoms			
Attraction between the atoms			
Describe the motion of the atoms			
Kinetic Energy of the atoms			
Draw a picture			

State of Matter- OXYGEN	Items to be compared		
	Solid	Liquid	Gas
Shape			
Space between atoms			
Attraction between the atoms			
Describe the motion of the atoms			
Kinetic Energy of the atoms			
Draw a picture			

Compare the Neon matrix with the Oxygen matrix and answer the following.

1. What knowledge did you need to complete this task?
  
2. What insights did you gain (what did you learn) about the process of identifying similarities and differences while using these comparison matrixes.

Adapted from Marzano *A Handbook for Classroom Instruction that Works*.