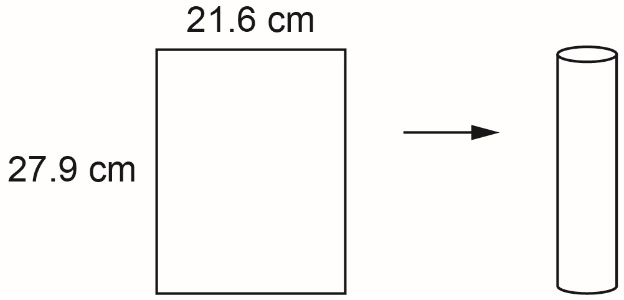
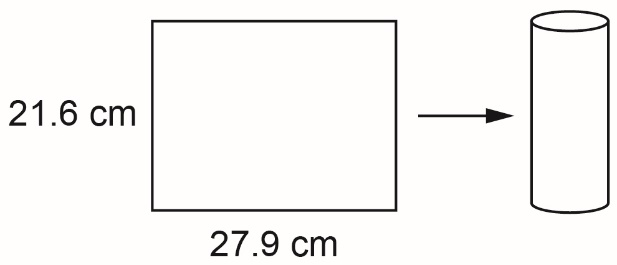
Surface Area of a Right Cylinder

**Measurement**

**Unit 1 Line Master 10**

You will need 3 sheets of letter paper (21.6 cm by 27.9 cm),   
scissors, and tape.

1. Construct two cylinders.

* Use one sheet of paper. Roll it   
  lengthwise and tape it to make the curved surface of a cylinder.  
  Trace the ends of the cylinder to   
  make circles and tape them to   
  close your cylinder.
* Use one sheet of paper. Roll it   
  widthwise and tape it to make the curved surface of a cylinder.  
  Trace the ends of the cylinder to   
  make circles and tape them to   
  close your second cylinder.

2. Predict which cylinder will have the greater surface area.

3. Determine the surface area of each of your cylinders.

Use 3.14 as an approximation for .

Which one has the greater surface area? Why?