

## G2-M7-Lesson 18

1. Measure the lines in inches and centimeters. Round the measurements to the nearest inch or centimeter.



Centimeters are smaller, so it takes more of them to cover the length of the line.

2.  
a. Draw a line that is 3 centimeters in length.



- b. Draw a line that is 3 inches in length.



An inch is longer than a centimeter, so of course my line that is 3 inches is longer than my line that is 3 centimeters!

3. Sam drew a line that is 11 centimeters long. Susan drew a line that is 8 inches long. Susan thinks her line is shorter than Sam's because 8 is less than 11. Explain why Susan's reasoning is incorrect.

*Susan's reasoning is incorrect because inches are longer than centimeters. You have to look*

*at the unit to figure out which line will be longer. An inch is a larger length unit, so Susan's*

*line is longer even though 8 is a smaller number.*