

Name: _____

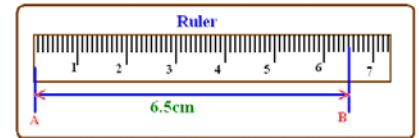
1. A. You measure the circumference of a clock to be 3.4 cm. How many centimeters need to be added to your measurement to obtain a circumference of 4cm?

$$3.4\text{cm} + \text{ ____ cm} = 4\text{cm}$$



- B. A robot measures the length of a line to be 6.5 cm, but when you approximate the length of the line you get 6 cm. How different are these measurements?

$$6.5\text{cm} - \text{ ____ cm} = 6\text{cm}$$



2. A. Round **up** 3.7 to the nearest whole number.

B. Round **down** 5.3 to the nearest whole number.

3. You participate in a robotics club and work for 27 hours. Your teacher asks you to round the hours you worked to the nearest ten. How many hours did you work after the rounding?

4. A factory makes baseball bat that is 42 in long. You buy a bat, but when you measure it, it actually turns out to be 41.7 in long. What is the error or difference between these two measurements?



5. *What gets you excited about math?*

6. *If you were given the chance to create this lesson which method would you use:*

A. LECTURE

D. CONDUCT HANDS - ON ACTIVITY

B. READ TEXTBOOK

E. RESEARCH ON THE INTERNET

C. WATCH MOVIE

7. *Do you think robotics can be helpful when used to collect data in math experiments?*

A. YES

B. NO

C. UNSURE