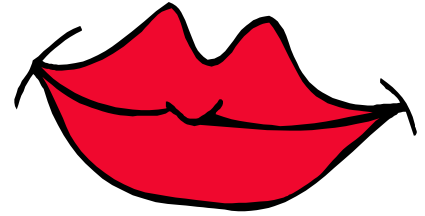


Smile Metric Style



LP: _____ Date _____

Objectives:

- to learn how to use a metric ruler to measure length
- to measure our smiles
- to accurately read and record measurements taken in centimeters (**cm**) and millimeters (**mm**)

Materials:

rulers yarn smiles

Procedures:

1. Take a piece of yarn and measure your partner's smile straight across from corner to corner
2. Keep your fingers on the yarn as you transfer the yarn to the ruler
3. Record measurements
4. Throw yarn away

Data:

Table 1: Smile Length

	cm	mm
my smile		
partner's smile		



Table 2: Class data - smile length – cm



Table 3: Summary of Data

Number of students	Largest (Max)	Smallest (Min)	Sum	Average



Analysis/Results:

1. Who had the **largest** smile? _____ **cm**: _____ **mm**
2. **Smallest** _____ **cm**? _____ **mm**
3. Including everyone, how big is our smile as a class?!?! _____ **cm**
_____ **mm**
4. What is the **connection** between cm and mm? _____

5. How many centimeters are on your ruler? _____ millimeters? _____

Conclusion:

In 2-3 sentences, explain what you learned in this lab:

