Name: _____

Unit 4 Lesson 0 - SI Estimation with Human Reference

Activity:

1. Hold a metre stick at your side with one end of the stick touching the floor. How high up your body does the other end reach? You can use this location on your body as a personal referent for 1 metre. The referent does not need to match the measurement exactly, but it needs to be pretty close.

2. Fill out the table to collect your personal referents.

SI Measurement	Personal Referent
1 m	
10 cm	
1 cm	
1 mm	

3. Use your body to create other personal referents for SI lengths.

Personal Referent	SI Measurement
Your outstretched hand	
Length of your foot	
Length of your arm	
Your height	

4. Complete the table below: Estimate with referents first, then compare with SI measured.

Referent	Referent for Approximate SI Measure	SI Measure
Width of a piece of paper	~20 cm	21.5 cm
Height of a door		
Height of a desk		
Height of an electrical outlet		
Area of Window beside door		
Thickness of your cellphone		
Height of your chair		
Your Choice:		