

Using a 30cm ruler and a standard meter stick, determine the required measurement for the following. Be sure to write the measurement in BOTH requested units.

1. Measurement Search (10 marks)

Width of a metal locker	cm	m
Thickness of a wood door	mm	cm
Ceiling height, measure from the ground	cm	m
Thickness of a cell phone	mm	cm
Length of a hallway floor tile	cm	m
Height of the glass IN a door	cm	m
Thickness of a handrail (by café)	mm	cm
Your height (might need a partner)	cm	m
Length from wrist to end of index finger	mm	cm
Width of a pencil	mm	m

2. Using your hand, measure the lengths and widths of your fingers until you find a combination or location that can be a reference for the following dimensions. Write the combination or description below (width of little finger, length of thumb, etc.) (3 marks)

1 cm - \_\_\_\_\_

5 cm - \_\_\_\_\_

10 cm - \_\_\_\_\_

3. Convert the following measurements: (4 marks)

(a) 5 km = \_\_\_\_\_ m

(b) 400 m = \_\_\_\_\_ km

(c) 2.3 km = \_\_\_\_\_ m

(d) 780 m = \_\_\_\_\_ km