

**Master 32**

# Estimating Length

Measure	Personal Referent
1 mm	
1 cm	
10 cm	
1 m	
1 km	

Use your personal referents.  
Estimate each measure.

Object	Referent Used	Estimate
Height of a water bottle		
Height of a desk		
Width of an eraser		
Width of a pencil tip		
Width of the whiteboard		
Width of a paper clip		
Length of a paper clip		
Height of classroom door		
Length of a square Pattern Block		
Width of a sheet of paper		
Width of classroom		
Length of 12 city blocks		
Distance from your home to school		
Distance from your home to a friend's home		
Your choice _____		