

Using Ratios in Measurement

- Lee Yah and Peter are measuring items in their classroom. Lee Yah wanted to give the length of each item in inches and Peter wanted to give the length in feet.



We have to measure each item only one time. Since I know there are 12 inches in 1 foot, we can figure out the missing measurements.

Peter and Lee Yah recorded their measurements in a table. Use what you know about the relationship between inches and feet to fill in the missing measurements.

Measuring in Feet and Inches

	Item Measured	Inches	Feet
	Length of a math book	12 inches	1 foot
A.	Height of a shelf		2 feet
B.	Length of a table		6 feet
C.	Width of a table	36 inches	
D.	Width of the door	30 inches	
E.	Height of the door		7 feet