Lesson 4.9

Personal References for Metric Length

Study Link 4.8 Follow-Up

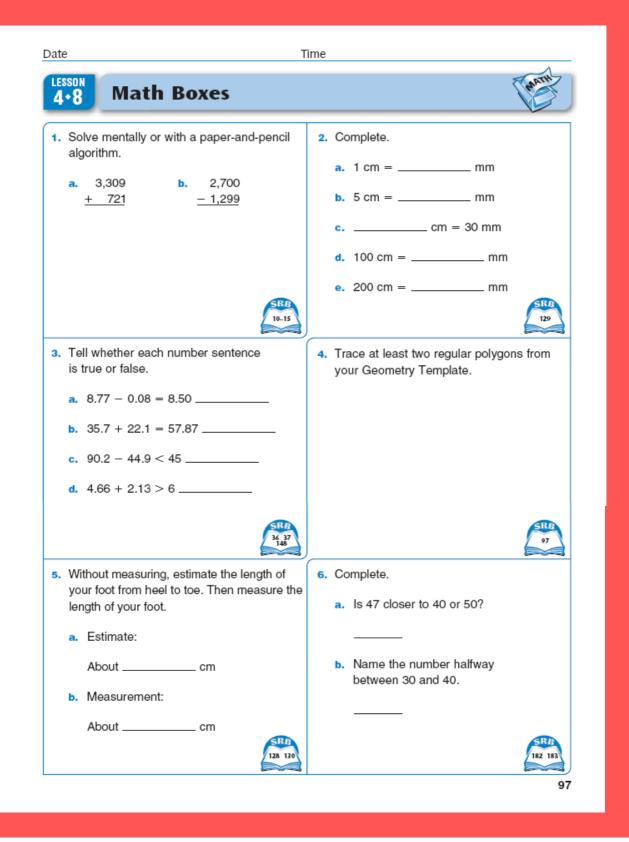
Measuring in Centimeters Image: Second s	
a. About 5 centimeters b. About 0.05 meter a. About 5 centimeters b. About meter a. About centimeters b. About meter 4.	
a. About 5 centimeters b. About 0.05 meter 1.	
a. About	
3	
4.	
a. About centimeters b. About meter	
a. About centimeters b. About meter g	Саруг
and the second	ight © Wright Gro
7. = 10.06 + 10.04 8. $38.93 + 92.4 = $ 8. $38.93 - 92.4 = $ 9. $16.85 - 14.23 = $ 10. = 20.9 - 8.57	yup/McGraw-Hi
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WHOLE-CLASS

Grade MB 4.8/p. 97









Practice the Multiplication/Division Fact Triangles in the "Try Again" pile.





Math Message

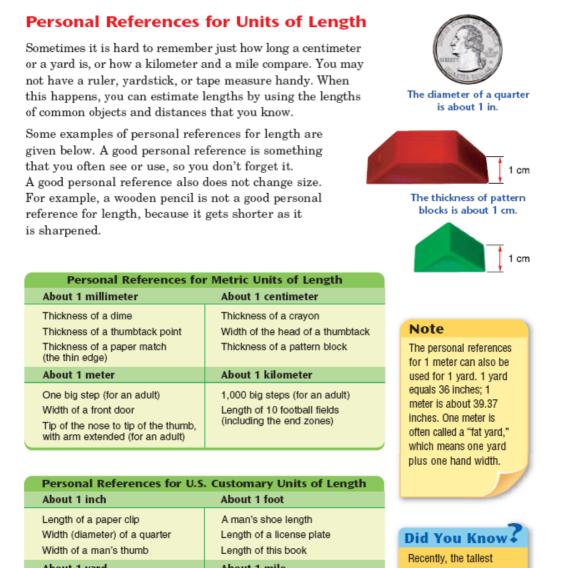
WHOLE-CLASS

Without measuring, try to find something in the classroom whose height is about 60 centimeters. Be ready to explain how you made your choice.

Math Message Follow-Up

Introducing Personal Measurement References Student Reference Book p. 130

Measurement



Eorigin of a noonoo plato
Length of this book
About 1 mile
2,000 average-size steps (for an adult) Length of 15 football fields (including the end zones)

Recently, the tallest man in the world was measured at 7 ft 8.9 in. (2.359 m) in Tunisia.



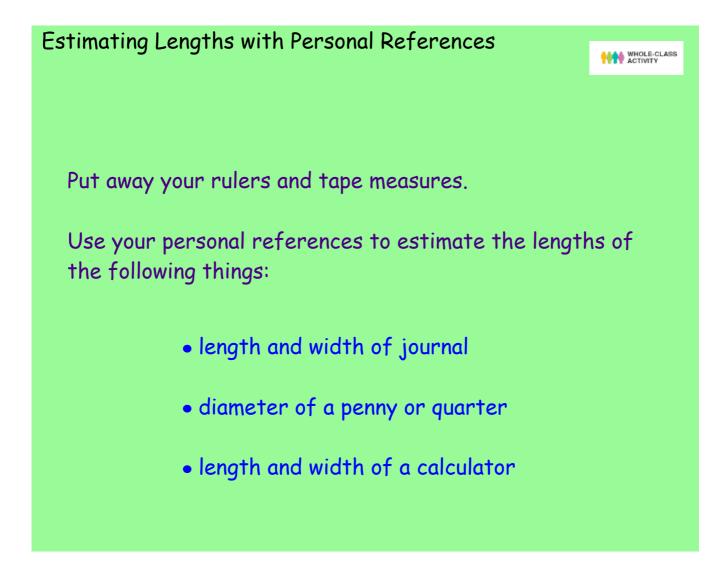
one hundred thirty

Why might personal measurement references be useful?

Finding Personal References for Metric Units of Length Journal p. 98

Date	Time
4-9 Pers	onal References for Units of Length
ersonal References f	or Metric Units of Length
l centimeter, 1 decim should be close. Ask	k, or tape measure to find common objects that have lengths of leter, and 1 meter. The lengths do not have to be exact, but they a friend to look for references with you. You can find more than h unit. Record the references in the table below.
Unit of Measure	Personal References
1 centimeter (cm)	
1 decimeter (dm), or 10 centimeters	

PARTNER ACTIVITY



Practicing Estimating Lengths Journal p. 99



Date Time				
4•9 Measuremer	nt Collection for Me	tric Units of Length		
Use your personal references to centimeters, decimeters, or mete your estimate in the table below. the actual measurement in the ta	rs. Describe the object or distand Then measure the object or dist	e and record		
Object or Distance	Estimated Length	Actual Length		

99

