

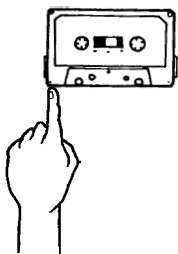
1

Practice

How Many Fingers?

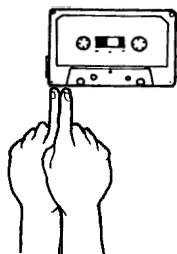
Step 1

Line up the index finger with the beginning edge of the item being measured.



Step 2


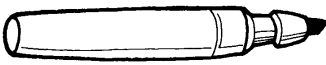



Use the index finger on your other hand to measure the next segment.



Step 3

“Leap frog” the first finger over the second finger. Then the second finger over the first finger until the entire length of the item has been measured. Record the number of fingers used.

Directions: Use your index fingers to measure the following items. Then have a friend use his or her index fingers to measure the same items.

Item	My Fingers	Friend's Fingers
1.  chalk	_____ fingers	_____ fingers
2.  marker	_____ fingers	_____ fingers
3.  shoe	_____ fingers	_____ fingers
4.  chalk eraser	_____ fingers	_____ fingers
5.  stapler	_____ fingers	_____ fingers

6. Were your answers the same as your friend's? Why or why not?

7. If your fingers were bigger, would this change your answers? Why?

A hand can be used two ways to measure items. Having the hand open and fingers together is called “palm” measuring. A hand “span” has the hand open and the fingers spread apart.


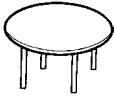



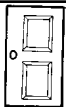




palm



span

Directions: Place a hand at one edge of the item. Then place the other hand next to the first hand and “leap frog” the first hand over the second hand. Continue “leap frogging” until the width of the item has been measured. Record the number of hand palms or spans used.

Item	Palms	Spans	Difference (palms – spans)
1. desk 	_____ palms	_____ spans	
2. table 	_____ palms	_____ spans	
3. open newspaper 	_____ palms	_____ spans	
4. chair 	_____ palms	_____ spans	
5. radio 	_____ palms	_____ spans	
6. door 	_____ palms	_____ spans	
7. bookcase 	_____ palms	_____ spans	
8. window 	_____ palms	_____ spans	

9. What was the greatest difference?

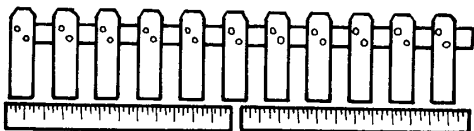
10. What was the smallest difference?

1

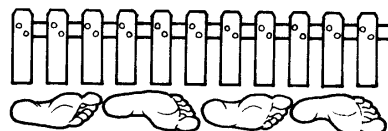
Practice

Using a Foot

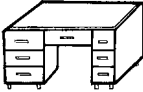


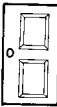


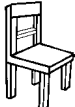



The measurement called a *foot* is 12" long.



A person's foot can also be used to measure items.



Directions: Line the heel of one foot up against the beginning of the object. Then walk heel-to-toe the length (or distance) of the object. Record the number of feet. Then measure the distance using a ruler. (Two rulers might be helpful.) Record the number of feet. Find the difference between measuring with your feet and a standard foot ruler.

 Distance from your desk to:	 Your Feet	 Standard Foot	(Your Feet – Standard Feet) Difference
1. the door 	_____ feet	_____ feet	
2. the trash basket 	_____ feet	_____ feet	
3. the bookcase 	_____ feet	_____ feet	
4. the teacher's chair 	_____ feet	_____ feet	
5. the window 	_____ feet	_____ feet	
6. the chalkboard 	_____ feet	_____ feet	
7. the games area 	_____ feet	_____ feet	

8. What was the greatest difference?

9. What was the smallest difference?

10. What would happen to the answers if your foot was longer than 12 inches?
