

# A Piece of String

1. Cut a piece of string that is as long as the distance from the tip of your toes to the top of your head.
  - a. How many times do you think this string would go around your head? around your waist? around your wrist? around your ankle? around your pinky?

Make an estimation. Put your results into the table below:

<b>How many times around your:</b>	<b>Estimate</b>
head	
waist	
wrist	
ankle	
pinky	

- b. Now use your piece of string to measure each one, and fill in the table below. If the string goes around a whole number of times, use the “exactly” column. If the string does **not** go around a whole number of times, fill in the “more than \_\_\_ times” and “less than \_\_\_times” columns.

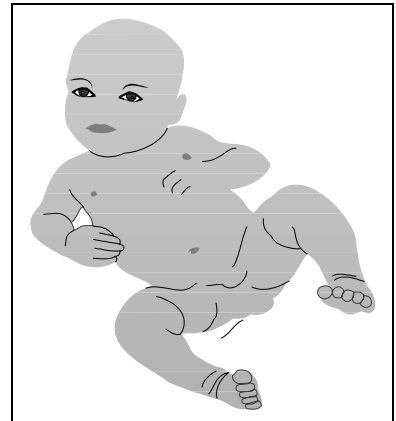
How many times around your:	Measurement		
	exactly	more than AND less than	
head			
waist			
wrist			
ankle			
pinky			

- c. How well do your estimates compare with your real measurements?

2. What do you think the results would be if the people represented by the following pictures did the same experiment? (Remember that in each case the string will be the same length as the height of the person in the picture.) Put your answers into the table and explain them.

a.

How many times around the:	Estimate
head	
waist	
wrist	
ankle	
pinky	

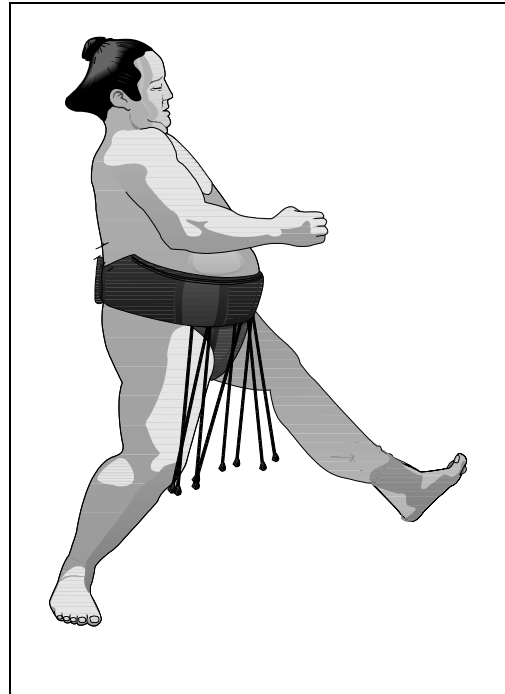


**Explanation:**

b.

How many times around the:	Estimate
head	
waist	
wrist	
ankle	
pinky	

**Explanation:**



c.

How many times around the:	Estimate
head	
waist	
wrist	
ankle	
pinky	

**Explanation:**

