

Student Activity Book


**Measuring With Links and Inches
(SAB p. 343)**


Students' estimates and measurements will vary. Estimates and measurements should reflect the understanding that the measure of a length is dependent on the size of the unit of measure. For example, a greater quantity of inches will be needed than links to measure the length of an item.

Name _____ Date _____

Measuring With Links and Inches

Estimate

My item: _____ 

I think it is about _____ links. 

Measure

It is _____ links and I think it will be [more less] than that in inches.

It is _____ inches.

Estimate

My item: _____

I think it is about _____ inches.

Measure

It is _____ inches and I think it will be [more less] than that in links.

It is _____ links.

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**Ana's Estimates (SAB p. 345)
Questions 1–2**

1. Crazy; Explanations will vary. Possible response: When we measured our classmate, he was 45 links tall. 90 links tall is too tall for a 2 year old. When I look at the 100-link chain, it is much taller than a toddler.
2. Could be; Explanations will vary. Possible response: A pillow could be two of my 10-link chains put together. It would be more in inches, so I think 25 inches is a could be estimate.


Name _____ Date _____

Ana's Estimates

Use a 10-inch ruler, 10-link chain, and 100-link chain to help you think about Ana's estimates. Show your work and use labels.

1. Ana said:

My brother is two years old.
He is about 90 links tall.



Could be or crazy? How did you decide?

2. Ana said, "The length of my pillow is about 20 links long and 25 inches long." Could be or crazy? How did you decide?


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Name _____ Date _____


Could Be or Crazy



Dear Family Member:

The class has been learning about the numbers up to 100. The students have been deciding whether estimates and measurements with these numbers are reasonable or not. They have also been learning that the measure of a length depends on the size of the unit of measure. For example, a pencil could be 4 large paper clips long or 6 small paper clips long. Use the picture of five links to help you.

Thank you.



1. Name something in your home for which 20 links long is a crazy estimate.
2. Name something in your home for which 20 links long is a could be estimate.

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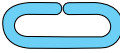
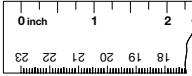
**Could Be or Crazy (TG pp. 1–2)
Homework
Questions 1–3**

1. Answers will vary. Possible response: height of the ceiling
2. Answers will vary. Possible response: height of a table
3. **A.** 15 links
B. 75 inches
C. 60 links
- D.** Answers will vary. Possible response: I knew that links were longer than inches, so there would be less links in the measurement. If the door’s height is about 80 inches, it would have to be less than 80 links, so I chose 60 links.

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Name _____ Date _____

3. One inch is shorter in length than one link.

 - A.** Roberto measured his backpack and it is about 20 inches long. Will it be more or less than 20 links? Circle the could be estimate in links:

15 links 30 links
 - B.** John’s father is about 55 links tall. Circle the could be estimate in inches:

45 inches 75 inches
 - C.** A door in Lee Yah’s home is about 80 inches tall. Circle the could be estimate in links:

100 links 60 links
 - D.** For Question C, show or tell how you decided.

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