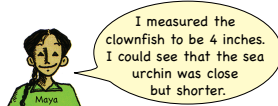


2. Which unit did you choose to estimate and measure the length of the eel? _____
 Explain your choice. _____

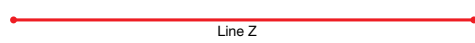
3. Which unit did you use to estimate the length of the seahorse?
 Explain your choice. _____

4. Describe your strategy for estimating the length of the hammerhead shark.

5. Maya estimated the sea urchin to be about 3 inches.



Use Maya's strategy to estimate the length of Line Z. The width of this page is about 22 centimeters.



Estimated length of Line Z _____

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Estimate Length **SAB • Grade 2 • Unit 4 • Lesson 4** **197**

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Name _____ Date _____

✓ **Check-In: Questions 6-8**

6. Kim estimated the length of a land snail to be 2 meters. Do you agree with Kim? Why or why not?

7. What unit would you use to estimate the length of a humpback whale? _____
 Why? _____

8. Your teacher has displayed the length of a zebra.

A. What unit would you use to estimate its length? Explain.

A. Estimate the length of a zebra. _____

C. Describe your strategy for estimating the length of the zebra.

Estimate and Measure Animal Lengths
 Check-In: Q# 6-8
Feedback Box

	Expectation	Check In	Comments
Estimate length using standard units. [Q#6, 8]	E5		
Select and using appropriate units. [Q#6-8]	E7		
Use labels. I use labels to show what numbers mean. [Q# 6-8]	MPE6		

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Student Activity Book

Estimate and Measure Animal Lengths
(SAB pp. 195–198)
Questions 1–8

1.

Animal Length			
Animal	Unit (inches, feet, yards, centimeters, meters)	Estimate	Measurement
baby dolphin	feet	3 ft.	3 ft.
hammerhead shark	feet	10 ft.	16 ft.
eel	feet	5 ft.	5 ft.
sea snail	centimeters	4 cm	5 cm
seahorse	centimeters or inches	12 cm	15 cm
clownfish	centimeters or inches	5 cm	10 cm
sea urchin	centimeters or inches	8 in.	4 in.
sea star	centimeters or inches	12 cm	18 cm

- Answers will vary. Possible response: I used feet because inches and centimeters are too small
- Answers will vary. Possible response: I chose inches because the seahorse is not very big.
- Answers will vary. Possible response: I thought about the eel and made a guess that was longer than the eel.
- Answers will vary. Possible response: I thought that the line looked about half the size of the page, so I guessed about half that length or 11 cm.
- Possible response: It is not a great estimate because snails are not very big, and meters are much bigger. It is definitely much less than 1 meter, so she should use a smaller unit.
- Possible response: I'd use meters (or yards). I know whales are very big so it would help to estimate with a larger unit.
- A. Answers will vary. Possible response: I would use feet because inches and centimeters are too small.
 B. Estimates will vary. Possible response: 2 meters
 C. Answers will vary. Possible responses: I looked at the meterstick and thought it might be about 2 metersticks so I guessed 2 meters. Or, I looked at the eel and thought it looked a bit longer than an eel so I guessed 7 feet.

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Teacher Guide

Estimate at Home (TG pp. 1–2)

Homework

Questions 1–3

1. **A.** crazy
B. could be
C. crazy
D. could be
2. meters or yards
3. **A.** inches or centimeters
B. Possible response: It makes more sense to measure larger objects with larger units and smaller objects with smaller units. A dollhouse is small so I would choose smaller units.

Name _____ Date _____

Estimate at Home



Dear Family Member:

Your child has been estimating and measuring lengths using inches, feet, yards, centimeters, and meters. Work with your child to decide if each measurement below "could be" or is "crazy".

Thank you.

1. Choose could be or crazy.
 - A.** Tara estimates a dollar bill is about 6 feet long.
 could be crazy
 - B.** Johnny estimates that a can of soda pop is about 5 inches tall.
 could be crazy
 - C.** Roberto estimates his backpack is about 12 centimeters tall.
 could be crazy
 - D.** Kim says her brother is about 1 meter tall. He says he is about 100 centimeters tall.
 could be crazy

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Homework Master

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Name _____ Date _____

2. Grace is measuring the height of a building. Which unit should she use? Circle one.
 meters centimeters yards inches
3. **A.** Grace is measuring the height of a dollhouse. Which unit should she use? Circle one.
 meters centimeters yards inches
- B.** Explain your thinking.

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Homework Master

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