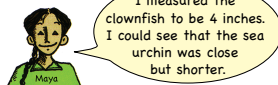


2. Which unit did you choose to estimate and measure the length of the eel? _____
 Explain your choice. _____

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

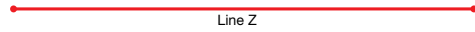
4. Describe your strategy for estimating the length of the hammerhead shark.

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



I measured the clownfish to be 4 inches. I could see that the sea urchin was close but shorter.

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



Line Z

Estimated length of Line Z _____

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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.

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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

2. Answers will vary. Possible response: I used feet because inches and centimeters are too small
3. Answers will vary. Possible response: I chose inches because the seahorse is not very big.
4. Answers will vary. Possible response: I thought about the eel and made a guess that was longer than the eel.
5. 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.
6. 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.
7. Possible response: I'd use meters (or yards). I know whales are very big so it would help to estimate with a larger unit.
8. **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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