

Estimate and Measure Animal Lengths

1. Look at the lines showing the length of small animals and large animals. Choose a unit. Estimate the length in that unit and record it in the chart. Then measure and record the length in the same unit.

Animal Length

Animal	Unit (inches, feet, yards, centimeters, meters)	Estimate	Measurement
baby dolphin			
hammerhead shark			
eel			
sea snail			
seahorse			
clownfish			
sea urchin			
sea star			

Small Animals

sea snail



seahorse



clown fish



sea urchin



sea star



Estimate Length

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.



Maya

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 _____

 **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.

B. 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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