

Name _____

Reading Stem-and-Leaf Plots

Science The largest animals known were dinosaurs. From their skeletons, scientists can estimate how long they were.

Lengths of the Largest Dinosaurs (meters)

Stem	Leaf
1	5 2 2
2	7 5 5 1
3	6 0 0

Use the stem-and-leaf plot to answer **1–4**.

1. The Seismosaurus is the longest known dinosaur. About how many meters long was a Seismosaurus? _____
2. The Tyrannosaurus and Spinosaurus were the same length. How many meters long could they have been?

3. How many types of dinosaurs were longer than 15 meters? _____
4. Suppose a new dinosaur was discovered tomorrow. If its length is 10 meters, would it be one of the 9 largest dinosaurs? Explain.

Use the stem-and-leaf plot to answer **5–7**.

Lengths of the Longest Snakes (ft)

Stem	Leaf
1	1 2 4 6
2	4
3	3

5. The python is the longest snake. What is its length? _____
6. How many snakes are longer than 16 feet? _____
7. How many snakes are between 11 and 24 feet long? _____

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Lengths of the Largest Dinosaurs (meters)

Stem	Leaf
1	5 2 2
2	7 5 5 1
3	6 0 0

Use the stem-and-leaf plot to answer 1–4.

1. The Seismosaurus is the longest known dinosaur. About how many meters long was a Seismosaurus? **About 36 meters**

2. The Tyrannosaurus and Spinosaurus were the same length. How many meters long could they have been?

 About 12 meters, 25 meters, or 30 meters long

3. How many types of dinosaurs were longer than 15 meters?

 7 types

4. Suppose a new dinosaur was discovered tomorrow. If its length is 10 meters, would it be one of the 9 largest dinosaurs? Explain.

 Possible answer: No; There are 10 dinosaurs shown in the stem-and-leaf plot and all are greater than 10 meters long.

Use the stem-and-leaf plot to answer 5–7.

Lengths of the Longest Snakes (ft)

Stem	Leaf
1	1 2 4 6
2	4
3	3

5. The python is the longest snake. What is its length? **33 feet**

6. How many snakes are longer than 16 feet? **2**

7. How many snakes are between 11 and 24 feet long? **3**