

Homework 3/21/22

Reading Homework:

Giants on Earth: Sauropods

Adapted from Readworks.org

Hundreds of millions of years ago, dinosaurs walked the earth. These ancient reptiles were very diverse, ranging in size, diet, movement, habits, and more. One group of dinosaurs was called the sauropods. These were the giants that many people today imagine when thinking of dinosaurs. They generally had large bodies and long necks. They walked on four legs and had a small head.

Just how big were the sauropods? Like other groups of dinosaurs, the sauropods differed in size from species to species. As a group, the sauropods included the largest land animals ever to exist. Many of the biggest sauropods were part of a subgroup called the titanosaurs. One titanosaur, the Argentinosaurus, was almost ten times bigger than the largest land mammals today. It may have grown to weigh 90 tons. That's more than twelve times as heavy as a large elephant! Other huge sauropods, like the Apatosaurus and Brachiosaurus, reached lengths of 65 to 100 feet from head to tail. And even the smaller ones were not very small. A small sauropod could reach a length of 50 feet!

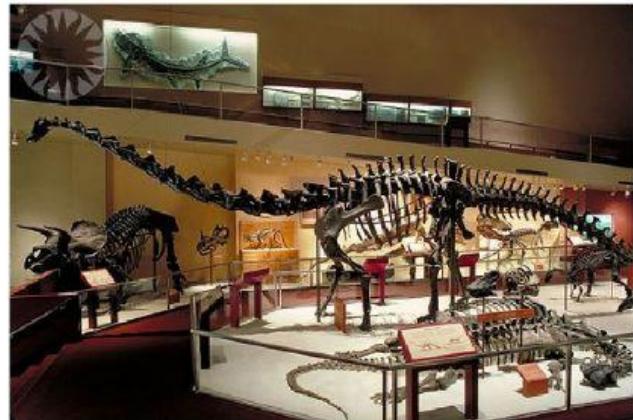
Sauropods didn't always start out big. When a sauropod hatched from an egg, it usually weighed less than 11 pounds. But sauropods grew extremely quickly over the course of about thirty years. By the time they were done growing,



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they would have been at least 10,000 times heavier than when they were born! This quick rate of growth probably helped sauropods stay alive. The larger a baby sauropod was, the more likely it was to be able to stay safe from predators. This may have contributed to the overall large size of the sauropod group.

If larger sauropods were more likely to survive, then why weren't there even bigger sauropods? Scientists think that it probably would have been impossible for even larger sauropods to evolve. There simply wouldn't have been enough food to feed such huge creatures! Also, scientists think that if sauropods had gotten much bigger, their bones might not have been able to support their weight. Sauropods were about as large as they could possibly be.



1. The passage says, "The larger a baby sauropod was, the more likely it was to be able to stay safe from predators. This may have contributed to the overall large size of the sauropod group." What conclusion can you draw from this statement?

- A. Sauropods were known for being fierce predators.
- B. Sauropods were able to hunt many other creatures because of their size.
- C. Sauropods were hunted by many kinds of predators.
- D. Not many predators could attack large creatures like sauropods.

2. The text calls some sauropods the largest land animals to ever exist. What detail from the text supports this statement?

- A. Sauropods usually weighed less than 11 pounds when they hatched from an egg, but grew extremely quickly over the course of thirty years.
- B. Scientists think that if sauropods had gotten much bigger, their bones might not have been able to support their weight, so they were as large as they could be.
- C. The larger a baby sauropod was, the more likely it was to be able to stay safe from predators.
- D. Sauropods generally had large bodies, long necks, small heads, and four legs.

Writing Homework:

Transitions

Fill in the blank with the best transition word or phrase

5

Ella is a good student.
_____, she is also a good friend.

- a) In other words
- b) Although
- c) Furthermore



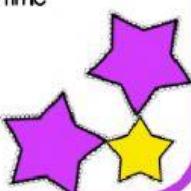
Transitions

Fill in the blank with the best transition word or phrase

7

The weather is cold and the ground is covered with snow in winter. _____ many animals have a hard time finding food.

- a) Likewise
- b) After that
- c) As a result



Transitions

Fill in the blank with the best transition word or phrase

6

My dog loves to go on walks and play fetch. _____, he loves to have his tummy rubbed.

- a) Also
- b) For example
- c) therefore



Transitions

Fill in the blank with the best transition word or phrase

8

You should always wear sunscreen in the sun, _____ between 10:00 and 2:00 when the sun is hottest.

- a) first
- b) especially
- c) however



Math Homework:

1. Which shows these fractions ordered from least to greatest.

$$\frac{7}{9}, \frac{6}{5}, \frac{3}{4}$$

a. $\frac{7}{9}, \frac{3}{4}, \frac{6}{5}$	b. $\frac{6}{5}, \frac{7}{9}, \frac{3}{4}$
c. $\frac{3}{4}, \frac{7}{9}, \frac{6}{5}$	d. $\frac{7}{9}, \frac{6}{5}, \frac{3}{4}$

2. Solve for the difference of $\frac{5}{8}$ and $\frac{7}{12}$. *Remember all answers must be in simplest form - look at your notes*

a. $\frac{5}{24}$	b. $\frac{4}{24}$
c. $\frac{3}{24}$	d. $\frac{1}{24}$

3. The first six shapes in a pattern are shown.



If this pattern continues in the same way, what will be the next shape?

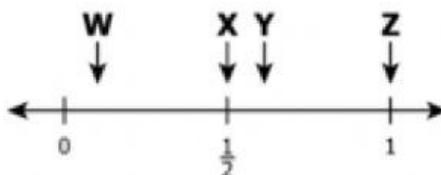
a.	b.
----	----

c. d. 

4. Kennan has marbles in a bag.

- There are red and orange marbles.
- All the marbles are the same size and shape.

Kennan is equally likely to select a red or an orange marble when he selects a marble without looking. Which letter from the number line best represents the probability Kennan will select an orange or red marble?



a. W

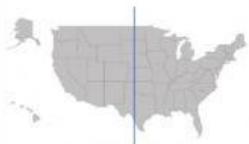
c. Y

b. X

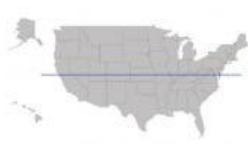
d. Z

Virginia Studies Homework:

Unresolved differences based in slavery led to civil war in the 1800s between:



the East and West



the North and South



Who supported secret routes that enslaved African Americans used to escape to the North?



Clara Barton



Betsy Ross



Harriet Tubman



Science Homework:

#5 ENERGY FLOWS THROUGH AN ECOYSTEM BEGINNING WITH THE _____ AND THEN TO _____. AFTER THAT THE ENERGY TRAVELS TO _____ AND FINALLY TO THE _____.

decomposers sun producers consumers

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#10 THE PICTURE BELOW SHOWS:



community ecosystem

population One organism

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