Homework 5/02/22

Reading Homework:

Velociraptors and Birds

Adapted from Readworks.org

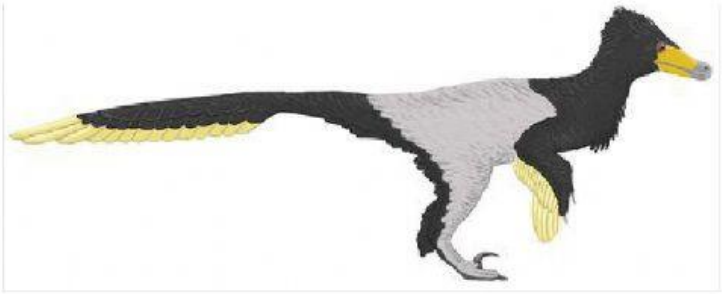


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Velociraptor

Dinosaurs, the reptiles which walked the earth long ago, went extinct about 66 million years ago. But today, we can see their **descendants** everywhere. Which of today's creatures came from dinosaurs? Some people may assume that crocodiles, alligators, or other reptiles could call dinosaurs their ancestors. But that's not the case. Rather, the animals that descended from dinosaurs are far more common and familiar. They're birds!

LIVEWORKSHEETS



By Kabacchi (Velociraptor - 01 Uploaded by FunkMonk) [CC BY 2.0], via Wikimedia Commons

Velociraptor skeleton

Modern birds came from a group of two-legged dinosaurs. These dinosaurs are known as theropods. They include familiar dinosaurs like the fierce *Velociraptor*. This dinosaur, in particular, shows many of the **similarities** between birds and dinosaurs. For example, the *Velociraptor* had feathers! Scientists can tell that these dinosaurs were feathered based on their fossils. A fossil of a *Velociraptor*'s forearm bone that was found in Mongolia had quill knobs, which are structures on a bone that hold feathers. Today's birds have these as well. *Velociraptors* also had **hollow** bones, like today's birds. And they also tended to nests of eggs, like their modern-day **descendants**.

In birds today, **hollow** bones and feathers make it easier for birds to fly. But unlike today's birds, *Velociraptors* could not fly. Their short forelimbs made it impossible to take off from the ground. Their feathers may have had other uses, like for mating displays or keeping the dinosaur's body at the right temperature.

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1.) This passage compares and contrasts birds and their ancestors, *Velociraptors*. According to the passage, what is one way in which birds and *Velociraptors* are alike?

A. They both had feathers.
B. They both could fly.
C. They both have fossils.
D. They both had short forelimbs.

2.) The passage says, "Modern birds came from a group of two-legged dinosaurs."

What conclusion can be drawn based on this evidence?

A. Modern birds are actually completely different from dinosaurs.
B. Modern birds are related to a specific group of dinosaurs.
C. Not all birds descended from the same group of dinosaurs.
D. Modern birds are larger than the dinosaurs that had two legs.

LIVEWORKSHEETS

Writing Homework:

Directions: Write a paragraph explaining if you could be any animal, what would it be and why?

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Math Homework:

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

$$\frac{8}{9}, \frac{3}{2}, \frac{6}{8}$$

a. $\frac{8}{9}, \frac{6}{8}, \frac{3}{2}$	**b.** $\frac{3}{2}, \frac{6}{8}, \frac{8}{9}$
c. $\frac{6}{8}, \frac{8}{9}, \frac{3}{2}$	**d.** $\frac{3}{2}, \frac{8}{9}, \frac{6}{8}$

2. Solve for the difference of $2\frac{7}{8}$ and $1\frac{1}{4}$. *Remember all answers must be in simplest form - look at your notes*

a. $1\frac{5}{8}$	**b.** $1\frac{6}{4}$
c. $3\frac{8}{12}$	**d.** $4\frac{1}{8}$

3. Which measurements are equivalent to 64 pints? (Use your foldable in your math notebook)

8 gallons	**24 quarts**
4 gallons	**32 quarts**

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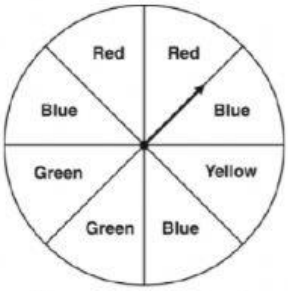
4. Alonzo made the input-output table below.

Input	6	18	24	30	36
Output	2	6	?	10	12

What is the output when the input is 24?

a. 9	b. 7
c. 8	d. 3

4. Ohm will spin the spinner once.

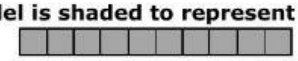


What is the probability that the pointer will land on a blue or red section?

a. $\frac{1}{8}$	b. $\frac{1}{3}$
c. $\frac{5}{8}$	d. $\frac{3}{5}$

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6. The model is shaded to represent one whole.



Model 1 and Model 2 have each been shaded to represent a decimal.

Model 1



Model 2



What is the sum between the decimals shaded in Model 1 and Model 2?

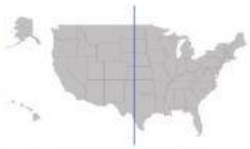
a. 0.4	**b.** 0.8
c. 1.2	**d.** 0.6

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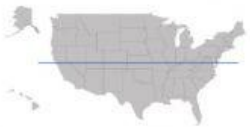
Virginia Studies Homework:

>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> the Civil War

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



the East and West



the North and South

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>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>> the Civil War

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



Clara Barton



Betsy Ross

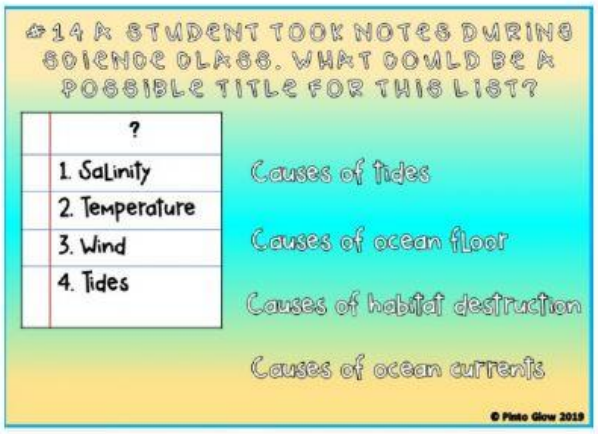


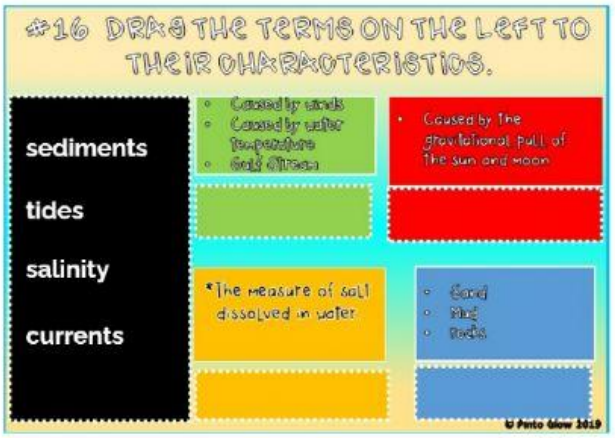
Harriet Tubman

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Science Homework:





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