

Homework 5/02/22

Reading Homework:

Velociraptors and Birds

Adapted from Readworks.org

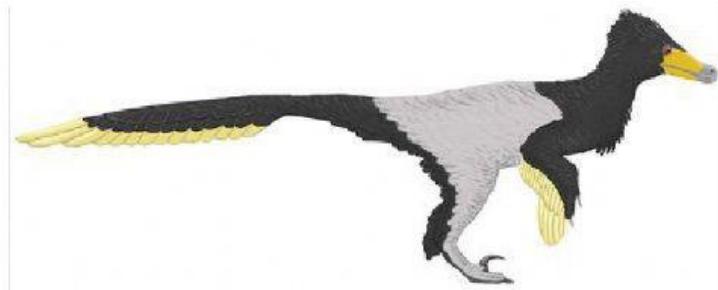


Photo Credit Leandra Walters, Phil Senter, James H. Robins [CC BY 2.5], via Wikimedia Commons

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!



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.

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.

Writing Homework:

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

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

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?

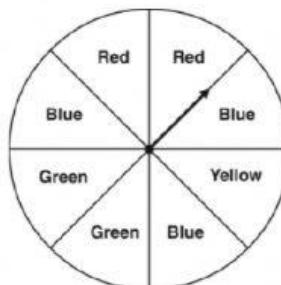
a. 9

c. 8

b. 7

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. $\frac{1}{8}$

c. $\frac{5}{8}$

b. $\frac{1}{3}$

d. $\frac{3}{5}$

6. The model is shaded to represent one whole.

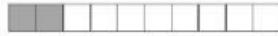


Model 1 and Model 2 have each been shaded to represent a decimal.

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

Virginia Studies Homework:

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

the East and West

the North and South

<p>Who supported secret routes that enslaved African Americans used to escape to the North?</p>  <p>Clara Barton</p>	 <p>Betsy Ross</p>	 <p>Harriet Tubman</p>
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LIVEWORKSHEETS

Science Homework:

#14 A STUDENT TOOK NOTES DURING SCIENCE CLASS. WHAT COULD BE A POSSIBLE TITLE FOR THIS LIST?

?
1. Salinity
2. Temperature
3. Wind
4. Tides

Causes of tides
Causes of ocean floor
Causes of habitat destruction
Causes of ocean currents

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#16 DRAW THE TERMS ON THE LEFT TO THEIR CHARACTERISTICS.

sediments	<ul style="list-style-type: none">• Caused by tides• Caused by water temperature and direction	<ul style="list-style-type: none">• Caused by the gravitational pull of the sun and moon
tides		
salinity	<p>*The measure of salt dissolved in water</p>	
currents		<ul style="list-style-type: none">• Sand• Mud• Rocks

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