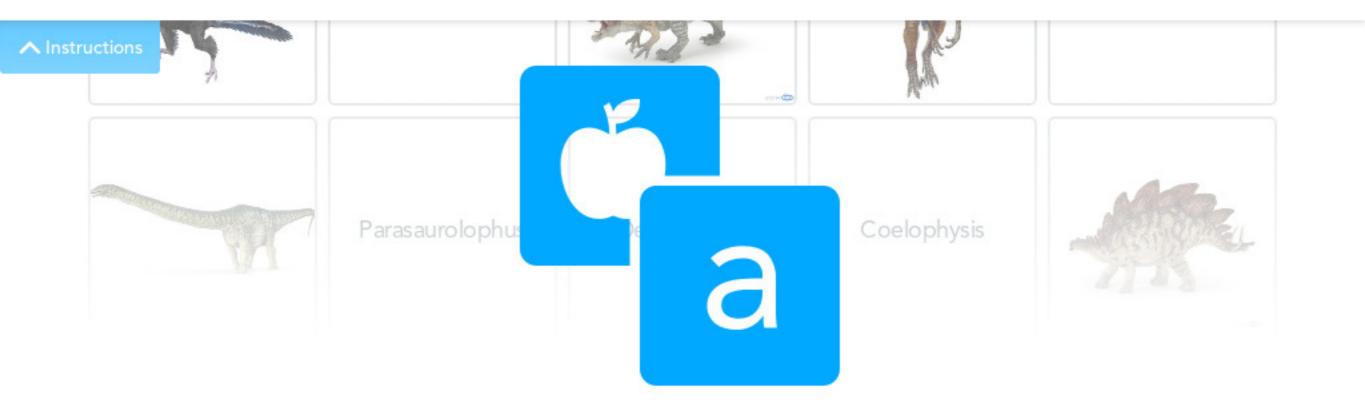
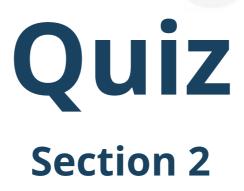
# Fossil Frenzy Practice





## Matching Pairs





#### These pictures all show what organism?

- Coral
- Trilobite
- Crustacean
- Brachipod



- Coral
- Trilobite
- Crustacean
- Brachipod



- Coral
- Trilobite
- Crustacean
- Brachipod



- Bivalves
- Cephalopods
- Echinoids
- Crustaceans

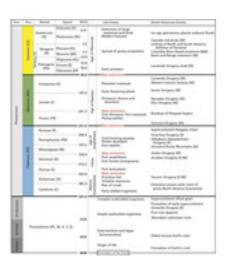


- Bivalves
- Cephalopods
- Echinoids
- Crustaceans

#### All of the organisms in these pictures lived in what kind of environment?

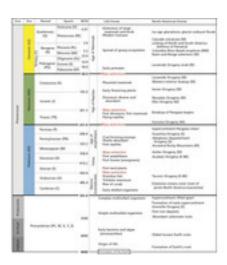
- terrestrial
- marine
- swamp
- desert





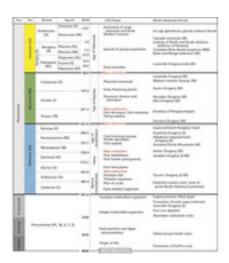
Click on the image to make it bigger. How many Eons have there been in time?

- $\bigcirc$  2
- 3



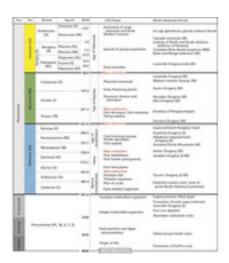
Click on the image to make it bigger. Dinosaurs were alive during what Era?

- Cenozoic
- Mesozoic
- Paleozoic



Click on the image to make it bigger. Which division of time is the smallest?

- Eon
- Era
- Period
- Epoch



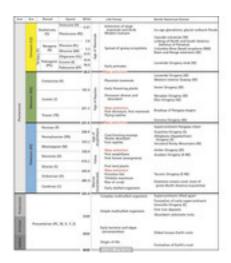
Click on the image to make it bigger. In which Epoch do we currently live?

- Holocene
- Quaternary
- Cenozoic
- Paleocene



Click on the image to make it bigger. How many mass extinctions have occured over time?

- 3
- <u>5</u>



### Click on the image to make it bigger. How long ago did the Cenozoic Era begin?

- 0.01 million years ago
- 2.6 million years ago
- 66 million years ago
- 251.9 million years ago





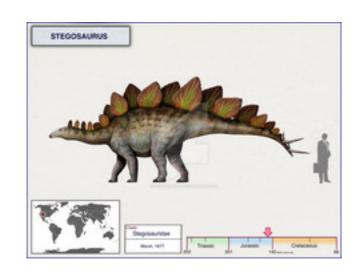
Look at the teeth of this fossil. Was it most likely a(n);

- carnivore
- herbivore
- omnivore



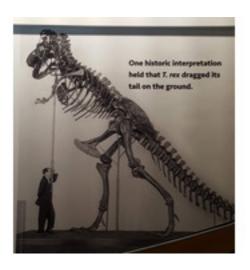
Look at the teeth of this fossil. Was it most likely a(n);

- carnivore
- herbivore
- omnivore



What do you think was the purpose of these large plates on the dinosaur's back?

- protection from predators
- as a weapon in fighting
- to attract a mate
- As a way to cool its body



The hardest thing about studying fossils is that we have no living organisms to look at now. We sometimes use other clues they have left behind to help us understand how they lived. What are these called?

- trace fossils
- body fossils
- petrified fossils
- mummified fossils



This is fossilized dinosaur poop. What is it's scientific name?

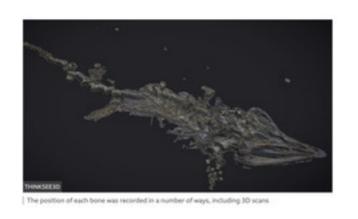
- Boring
- Trackway
- Burrow
- Coprolite





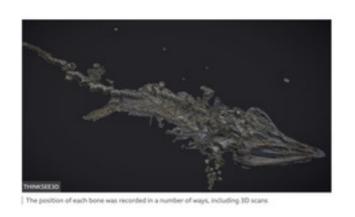
#### Identify this fossil.

- Shark
- Bony fish
- Plesiosaur
- Ichthyosaur



This is a scan of a fossil that was recently discovered in the United Kingdom. What is this animal?

- Shark
- Ichthyosaur
- Plesiosaur
- Pterosaur



#### What did these animals eat?

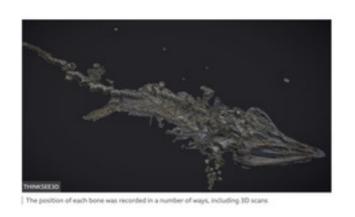
- Other animals
- Plants
- Plants & animals



True or False - these animals had a backbone.







#### What environment did these animals live in?

- Desert
- Marine
- Swamp
- Terrestrial Forest



True or false. Most organisms turn in to fossils when they die.

- True
- False



This fossil shows a leaf was alive during the Cretaceous period. (credit: W. T. Lee, USGS) What type of fossil is this?

- Cast
- Imprint
- Mold
- Mummification



This is from a fallen tree that got washed down a river and buried under layers of mud, ash from volcanoes and other materials. When it was sealed beneath this muck without any oxygen. As the wood's organic tissues slowly broke down, the resulting holes in the tree were filled with minerals such as silica. What is this process called?

- Mummification
- Petrification
- Entrapment in tar
- Cast/mold



A shell got buried in the ocean sand. As the sand hardened, the shell left an impression in the hardened sand. Over millions of years, the shell dissolved and other minerals filled in the impression. Which of the pieces in the pictures shows a MOLD?

- The piece on the left
- The piece on the right



#### How was this insect preserved?

- petrification
- freezing
- mummification
- encased in amber