



The Secret Files of Professor L. Otto Funn

How do different types of rocks form? How were mummies made? How does animation work? How do your vocal cords make sound? Read *The Secret Files of Professor L. Otto Funn* to learn more!

What did you learn?

QUESTIONS

1. Metamorphic rocks are formed by ...
 - a. Rain
 - b. Pressure or heat
 - c. Weather
 - d. Tectonic plates
2. Igneous rocks begin as ...
 - a. Thin rocks
 - b. Lava
 - c. Ash
 - d. Magma
3. The carrier is made of ...
 - a. Thin cardboard
 - b. Styrofoam
 - c. Paper
 - d. Plastic
4. A mummy is a body that has ...
 - a. Been dead for over a thousand years
 - b. Been put in a coffin
 - c. Been preserved
 - d. Come back to life
5. How many symbols of the Eastern zodiac are there?
6. Who was Windsor McCay?

TRUE OR FALSE?

- | | |
|---|---|
| _____ 1. Sedimentary rocks have layers that have piled on over time. | _____ 4. Raw eggs contain bacteria that can be harmful to people or pets. |
| _____ 2. Stalactites and stalagmites usually form in crystal caves. | _____ 5. Ancient Egyptians left the organs in the body. |
| _____ 3. Stalactites and stalagmites form from calcite solution drips slowly to the ground. | _____ 6. Mummies were usually placed in a coffin called a sarcophagus. |

ANSWERS

- 1. b. Pressure or heat.** According to section "Crayon rock cycle" on page 10, we know that "Metamorphic rock forms when heat and/or pressure cause a rock to change." So, the correct answer is B.
- 2. d. Magma.** According to section "Crayon rock cycle" on page 11, we know that "Igneous rock begins as magma." So, the correct answer is D.
- 3. a. Thin cardboard.** According to section "Egg drop" on page 19, we know that "This carrier is made of thin cardboard or poster board rolled into a cone shape." So, the correct answer is A.
- 4. c. Been preserved.** According to section "Make your own mummy" on page 22, we know that "A mummy is a body that has been preserved, or kept from rotting." So, the correct answer is C.
- 5.** According to page 130, there are 12 symbols of the Eastern zodiac.
- 6.** According to page 64, Windsor McCay was a pioneer of early animation. His most famous animated short film was *Gertie the Dinosaur*.

TRUE OR FALSE? ANSWERS

- 1. True.** According to section "Crayon rock cycle" on page 8, we know that "The horizontal rock layers seen in these cliffs show layers of sediment that have piled on top of one another over time." So, the correct answer is True.
- 2. False.** According to section "Grow your own stalactites and stalagmites" on page 13, we know that "Stalactites and stalagmites usually form in limestone caves." So, the correct answer is False.
- 3. True.** According to section "Grow your own stalactites and stalagmites" on page 15, we know that "In caves, stalactites and stalagmites form when the calcite solution drips slowly to the ground." So, the correct answer is True.
- 4. True.** According to section "Egg drop" on page 17, we know that "Warning! Raw eggs contain bacteria that can be harmful to people and pets." So, the correct answer is True.
- 5. False.** According to section "Make your own mummy" on page 24, we know that "Ancient Egyptians removed all of the organs from the body, except the heart." So, the correct answer is False.
- 6. True.** According to section "Make your own mummy" on page 29, we know that "Mummies were usually placed in a coffin called a sarcophagus." So, the correct answer is True.