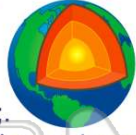




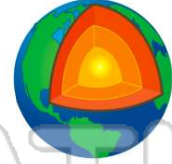
Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 The Earth has **four main layers**: the crust, the mantle, the outer core, and the inner core. Which if the following is true of the **Earth's crust**?



- A It is one big piece.
- B It is made of two pieces;
- C It is made up of several large pieces.
- D Its pieces can break easily.

2 **Pieces of the Earth's crust** and the top portion of the **Earth's mantle** float on the top of a hot liquid layer of the lower part of the mantle. These pieces of Earth are called \_\_\_\_\_.



- A land formations
- B crust plates
- C tectonic plates
- D land plates

3 **Tectonic plates** often move and bump into each other causing changes to the Earth. Which of the following can cause **rapid changes** to the Earth caused by the interaction of tectonic plates?



- A an earthquake
- B erosion

4 Two tectonic plates moving against and bumping into one another causes an **earthquake**. What happens to those two plates **after the earthquake**?



- A They break apart into small rocks.
- B They stop moving.



## PREVIEW

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7 **Volcanoes** erupt in all directions. **They move in all directions away from the epicenter.**



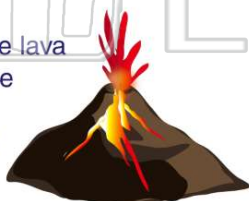
- A They move in one direction.
- B They move down from the epicenter only.
- C They move to the right of the epicenter only.
- D They move in all directions away from the epicenter.

8 **Volcanoes** erupt in all directions. **They move in all directions away from the epicenter.** compared to \_\_\_\_\_ that can lead to the Earth's surface.



- A steps
- B pockets
- C channels
- D holes

9 What causes **magma to rise** up to the Earth's surface?



- A the flowing of the lava
- B the cooling of the magma
- C hot gas bubbles
- D gravity

10 What is the arrow pointing to on the **volcano** diagram below?

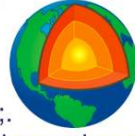


- A magma
- B lava
- C channel
- D vents



## ANSWER KEY

The Earth has **four main layers**: the crust, the mantle, the outer core, and the inner core. Which if the following is true of the **Earth's crust**?



(C)

- A It is one big piece.
- B It is made of two pieces;
- C It is made up of several large pieces.
- D Its pieces can break easily.

**Pieces of the Earth's crust** and the top portion of the **Earth's mantle** float on the top of a hot liquid layer of the lower part of the mantle. These pieces of Earth are called \_\_\_\_\_.



(C)

- A land formations
- B crust plates
- C tectonic plates
- D land plates

**Tectonic plates** often move and bump into each other causing changes to the Earth. Which of the following can cause **rapid changes** to the Earth caused by the interaction of tectonic plates?



(a)

- A an earthquake
- B erosion
- C a tornado
- D

Two tectonic plates moving against and bumping into one another causes an **earthquake**. What happens to those two plates **after** the earthquake?



(C)

- A They break apart into small rocks.
- B They stop moving.
- C They keep moving.



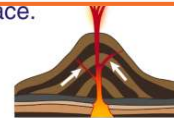
## PREVIEW

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- B They move down from the epicenter only.
- C They move to the right of the epicenter only.
- D They move in all directions away from the epicenter.

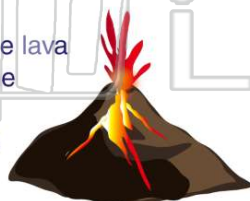
can lead to the Earth's surface.

- A steps
- B pockets
- C channels
- D holes



What causes **magma** to rise up to the Earth's surface?

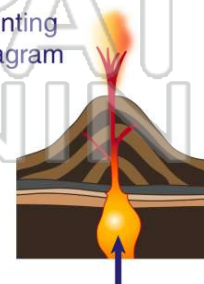
- A the flowing of the lava
- B the cooling of the magma
- C hot gas bubbles
- D gravity



(C)

What is the arrow pointing to on the **volcano** diagram below?

- A magma
- B lava
- C channel
- D vents



(a)