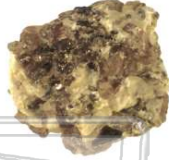




Name _____ Class _____ Date _____

1 Sometimes, magma finds spaces **under the surface** to **cool and harden** over a long period of time. What happens **while** the magma **hardens**?



- A It breaks apart.
- B It melts again.
- C Metal pieces form in rocks.
- D Crystals of minerals form in it.

3 **Metamorphic rocks** form through years of heat and pressure. What causes the **pressure** below the earth's surface?



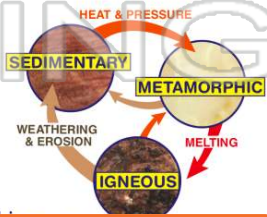
- A cold temperatures
- B warm temperatures
- C the weight of rocks

2 **Metamorphic rocks** are rocks that have changed due to _____.



- A cold temperatures
- B sediment breaking apart
- C heavy rainfall
- D heat and pressure

4 What types of rocks can become **metamorphic rocks**?



- A sedimentary rocks only

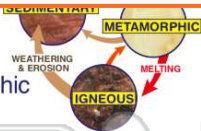


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7

- A All three types of
- B Igneous and metamorphic
- C Only sedimentary
- D Only metamorphic



- A hundreds of
- B dozens of
- C thousands of
- D a few



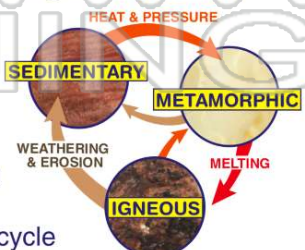
9 The **rock cycle** is a(n) _____ cycle.

- A short-lived
- B open
- C closed
- D ongoing



10 What does this diagram **represent**?

- A the water cycle
- B the rock cycle
- C the nitrogen cycle
- D the oxygen cycle





ANSWER KEY

Sometimes, magma finds spaces **under the surface** to **cool and harden** over a long period of time. What happens **while** the magma **hardens**?



- A It breaks apart.
- B It melts again.
- C Metal pieces form in rocks.
- D Crystals of minerals form in it.

(d)

Metamorphic rocks

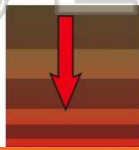
are rocks that have changed due to _____.



(d)

- A cold temperatures
- B sediment breaking apart
- C heavy rainfall
- D heat and pressure

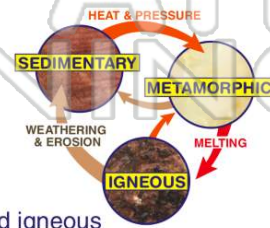
Metamorphic rocks form through years of heat and pressure. What causes the **pressure** below the earth's surface?



- A cold temperatures
- B warm temperatures
- C the weight of rocks pressing down
- D the weight of the atmosphere

(c)

What types of rocks can become **metamorphic rocks**?



(b)

- A sedimentary rocks only
- B sedimentary and igneous
- C igneous rocks only
- D all three types of rocks



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- A All three types of
- B Igneous and metamorphic
- C Only sedimentary
- D Only metamorphic



- B dozens of
- C thousands of
- D a few



The **rock cycle** is a(n) _____ cycle.

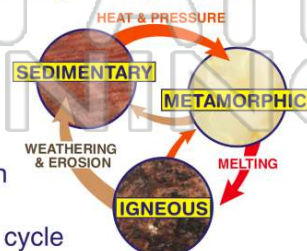
- A short-lived
- B open
- C closed
- D ongoing



(d)

What does this diagram **represent**?

- A the water cycle
- B the rock cycle
- C the nitrogen cycle
- D the oxygen cycle



(b)