



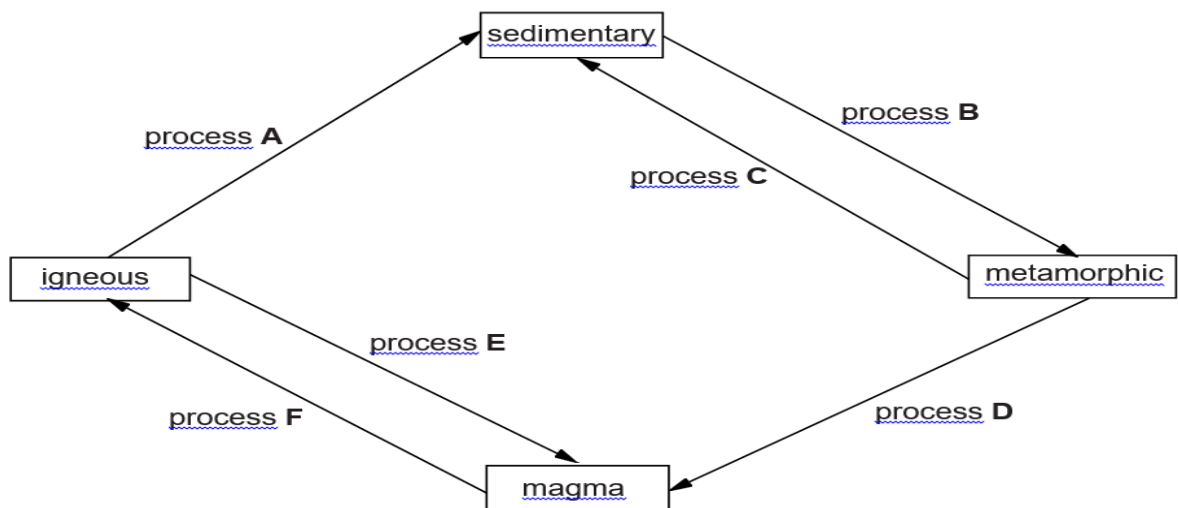
Name : \_\_\_\_\_

Date :     /     /2024

Subject: Science

### Worksheet 3 answers

1)The diagram shows a simple rock cycle.



Look at the table.

It shows descriptions of some of the processes in the rock cycle. Complete the table.

process	Descriptions
A	erosion and sedimentation
B	heat and pressure
C	Erosion and sedimentation
D	Melting
E	Melting
F	Solidification / cooling

2) There are three types of rock found on the Earth's surface

(a) Two of these types of rock are igneous and sedimentary.

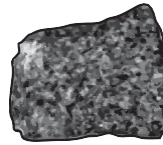
Name the **other** type of rock. **Metamorphic**

Charles studied the below different types of rocks. He described the properties of each rock.

Look at the information.



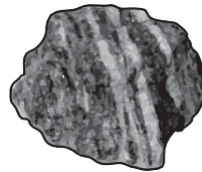
**granite** is white and  
formed in layers



**gabbro** is  
black with  
crystals



**sandstone** has  
layers made of  
grains of sand



**schist** has layers  
and crystals

a) Which rock is sedimentary?

**Sandstone ( made of grains of sand)**

- Charles starts to write the properties of each rock into his results table.

b) Complete his results table.

Rock name	Properties
granite	White and formed in layers

<a href="#">gabbro</a>	Black with crystals
sandstone	<a href="#">Layers made of grains of sand</a>
schist	<a href="#">Layers and crystals</a>

c) There is one anomalous result.

Which rock name has an anomalous property?

[granite](#)

3)

Rocks in the Earth's crust are classified by the way that they are formed.

Complete the sentences about rock formation.

Choose words from the list.

Each word can be used once, more than once or not at all.

**igneous      metamorphic      sedimentary**

(a) ..... rocks are formed when molten lava from a volcano cools down.

(b) ..... rocks are made from grains of rock that are cemented  
(stuck) together.

(c) ..... rocks are made when heat and pressure change other  
types of rock.

(d) ..... rocks are found in layers and often contain fossils.

- Q 3 (a) Igneous**  
**(b) Sedimentary**  
**(c) Metamorphic**  
**(d) Sedimentary**