

Formal Formative 2

1. **Write down one word that matches each of these descriptions: /5**

a a well-balanced soil

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b a fossil where the bones of the whole animal are preserved in minerals

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c to wear down weathered rock into sediments

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d the feel of a material

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e a natural fertiliser made of dead organic matter such as dead leaves and insects.

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1. **Decide whether each of the following statements is true or false. /4**

Write ‘True’ or ‘False’ in the answer spaces.

a Metamorphic rocks form when existing rocks are changed by heat and/or pressure. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b Fossils are the remains of plants and animals preserved in igneous rocks. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c The most important feature of sedimentary rocks is that they are one colour \_\_\_\_\_\_\_\_\_\_\_\_

d A geologist is a scientist who studies rocks. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **The below picture shows a rock. /4**

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a What does this rock consist of?

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b Did this rock form when magma cooled down or when lava cooled down?

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c How do you know that this is an intrusive igneous rock?

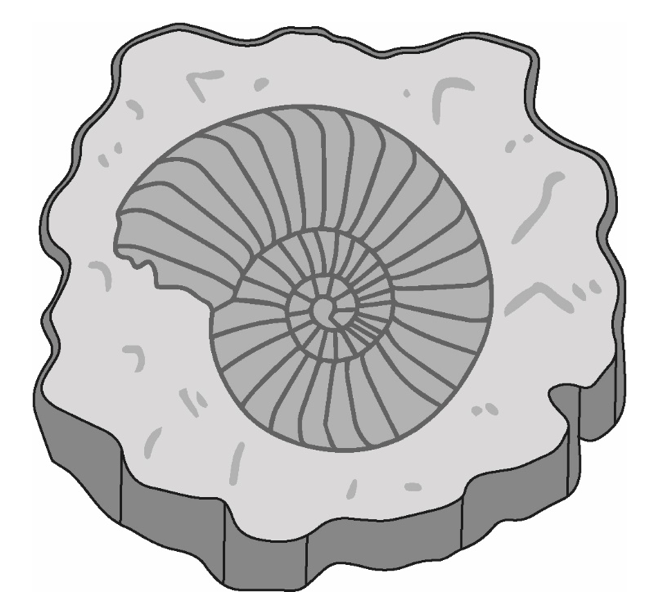
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d Identify the rock.

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1. **This is a sea animal preserved in rock. /2**

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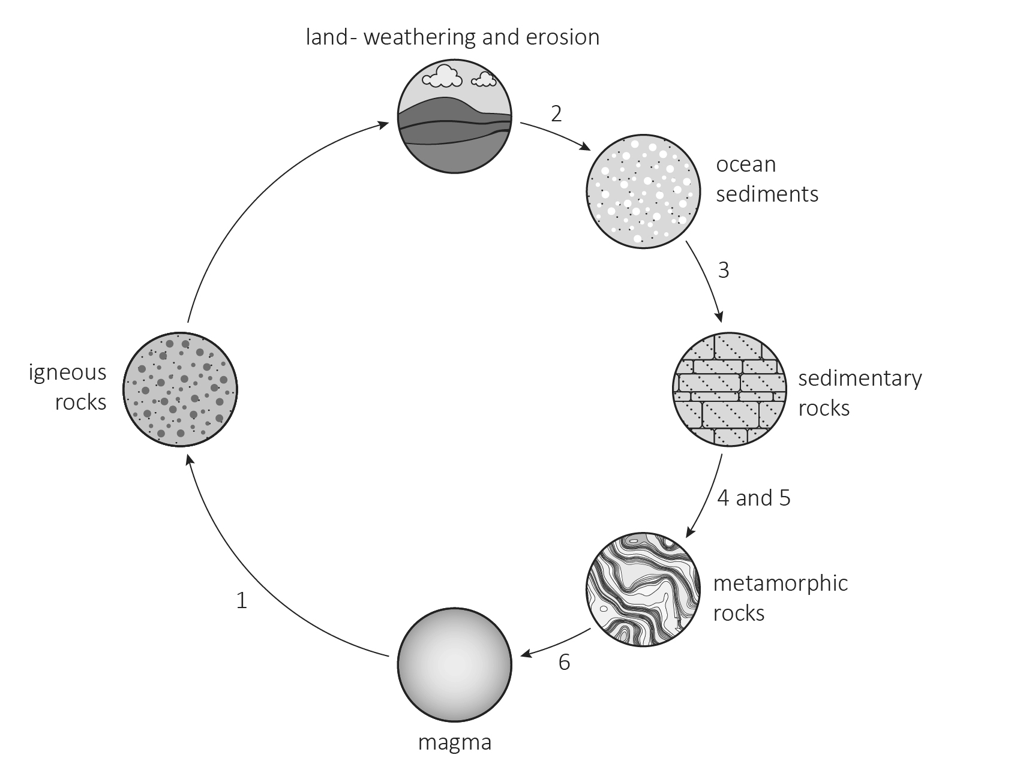
1. **What do we call plants and animals preserved in rock?**

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**b Was this animal ever alive?**

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1. **The below diagram shows rock cycle. /6**



a Name the process at 1: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

b Name the process at 2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

c Name the process at 3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

d Name the process at 4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

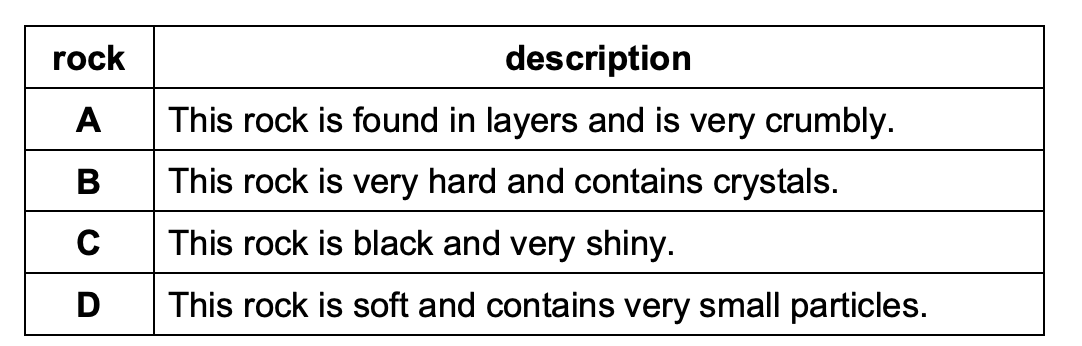
e Name the process at 5: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

f Name the process at 6: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. **There are three types of rock found on the Earth’s surface. One of the types of rock is called sedimentary.**
2. Name the other two types of rock. /1

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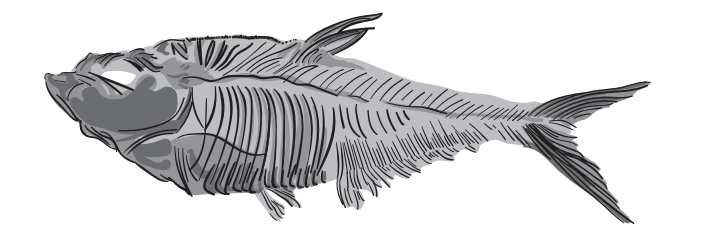
1. Look at the table. It shows the description of some rocks.



Which two rocks are sedimentary? /1

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1. Aiko finds this fossil in some sedimentary rock.



Describe how fossils are formed in sedimentary rock. /2

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