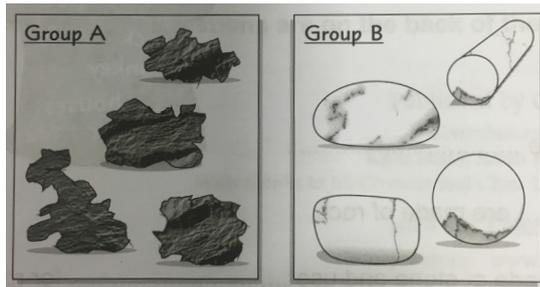


# Science - Test Your Skills

## Year 3 Rocks



1. Sammy and Tom have sorted some rocks into 2 groups.



1 mark

There is one rock left over. They can't agree which group to put it in.  
Explain why Sammy thinks it belongs in Group B.

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2. These facts are all about rocks and soils. Draw a line from each fact to the correct box.

Rocks

Soils

- usually soft
- natural
- contain things like rotting leaves
- usually hard
- lots of different things
- made of grains and crystals

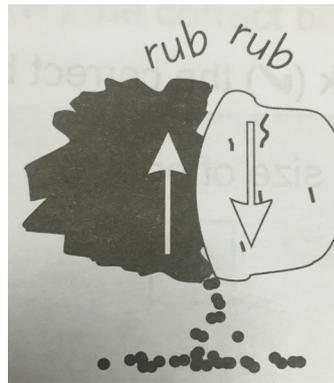
Rocks and soils

1 mark

3. The picture below shows what happened when I rubbed two rocks together. **Circle** the correct words in each sentence.

1 mark

The **black / white** rock is **softer** than the **black / white** rock.



4. Fill in the blanks in the sentences below about how the fossil was **made**.

1 mark

**hard**      **shell**      **rotted**      **mud**      **millions**

The creature died and was covered with..... and sand. Over ..... of years the mud and sand turned into layers of sediment. The dead creature was trapped in the layers. The soft bits of the creature ..... away. The fossil is the shape of the creature that was left behind in the rock. It may even contain the ..... bits of the body, like the .....

5. Match the properties below to the correct definitions:

1 mark

impermeable rocks

let water soak through

permeable rocks

don't soak up any water

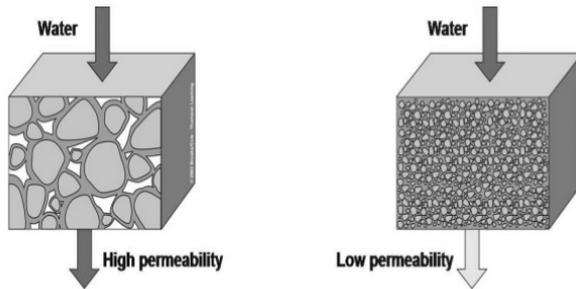
6. Explain why some rocks are permeable and others are not:

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1 mark



7. Match rock types below with the correct definition:

igneous rocks

sedimentary rocks

metamorphic rocks

This type transforms rock into new kinds using heat and extreme pressure.

This type is formed by melted rock that has cooled and solidified.

This type is formed on the surface of the Earth by layers pressing together.

1 mark

8. In your own words, explain how a sedimentary rock is formed.

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2 marks

/10  
Total