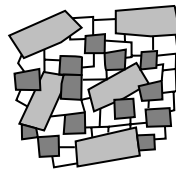


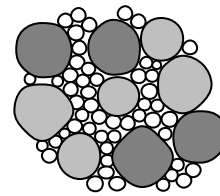
A



B



C



D

not to scale

Rocks are mixtures of **minerals**. The **grains** in rocks can be different shapes and sizes. **Interlocking** grains (crystals) fit together without any gaps between them. If the grains are rounded, there can be gaps between the grains and the rock may be **porous**. Porous rocks can absorb water.



- 1 Which two rocks have interlocking crystals?
- 2 How many different kinds of mineral are there in:
 - a rock A
 - b rock B
 - c rock C
 - d rock D?
- 3 Which rock is made of rounded grains that are all the same size?
- 4 Which rock is made of several different sizes of rounded grains?
- 5 Which two rocks are porous?
- 6 Which rock do you think will absorb the most water? Explain your answer.
- 7 Read this description of granite.
 'Granite consists of three main minerals. One of the minerals often forms large crystals.'
 Which rock could be granite?
- 8 Read this description of conglomerate.
 'Conglomerate is made of quite large, rounded pebbles, in a mixture of much smaller grains.'
 Which rock could be conglomerate?

S knowledge