

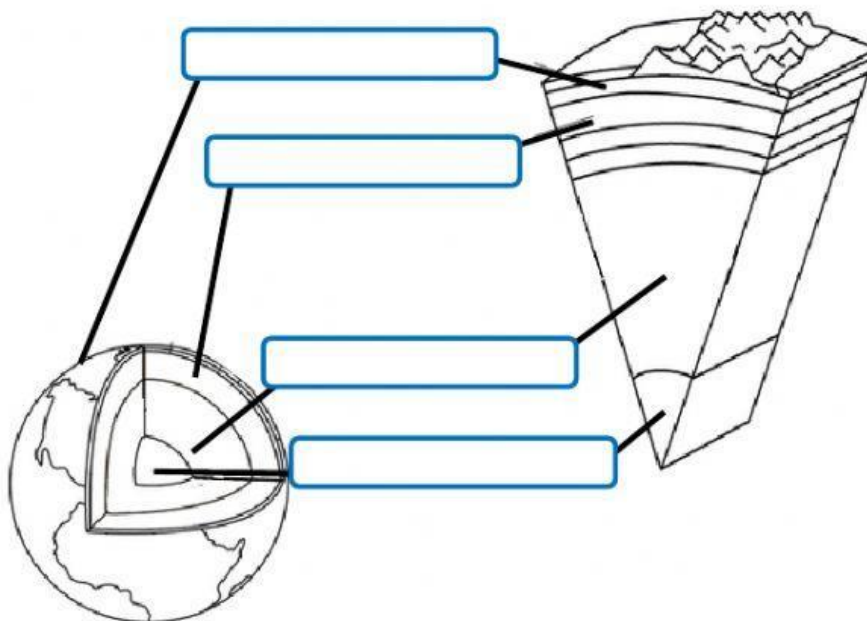


1. Match to make true sentences about the geosphere:







The inner core	is the thickest part of the geosphere
The outer core	is the hottest part of the geosphere
The mantle	is liquid
The crust	is the top layer of the geosphere
The inner core	is made up of magma
The outer core	is solid
The mantle	is the centre of the Earth
The crust	is the layer around the inner core

2. Label the diagram of the layers of the geosphere



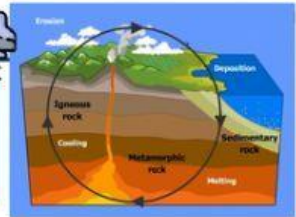
3. Match to make true sentences:



marble 	is made up of different materials
granite 	is made up of only one material
marble 	is made up of quartz, feldspar and mica
granite 	is made up of calcite

4. Classify the following rocks :

limestone	granite	pumice	quartzite	gneiss
shale	slate	basalt	sandstone	marble



SEDIMENTARY ROCKS

IGNEOUS ROCKS

METAMORPHIC ROCKS

5. Read and complete the text with the words in the box below

compressed mantle eruptions transformed intrusive three sedimentary pressure solidify settle metamorphic magma

We classify rocks into main groups. rocks are formed by sediments that are carried by rivers and at the bottom of lakes, seas or oceans. The sediments are over million of years. They and become rocks.

Igneous rocks are formed by the in the Earth's . When magma comes to the surface through the volcanic , it cools and form igneous rocks. Igneous rocks can also form below the Earth's surface. These are called rocks.

are originally sedimentary or igneous rocks. These rocks are by intense heat and below the Earth's surface.

6. Choose the correct option:

We use slate chalk granite marble in floors and work surfaces

We use marble granite slate chalk in the roof of the houses

We use slate chalk marble granite to build houses

7. Complete the descriptions of the lustre of these minerals

waxy Quartz Kaolinite vitreous dull metallic Jade Pyrite



has a

lustre



has a

lustre



has a

lustre



has a

lustre

8. Match the characteristics to the descriptions:

Lustre	
Fracture	
Hardness	
Cleavage	

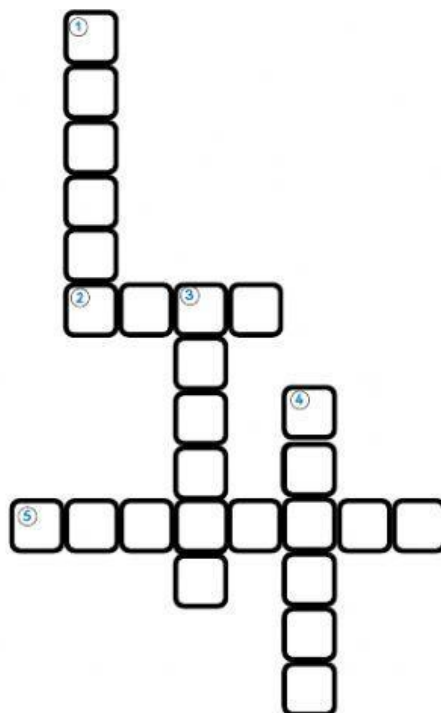
another way of saying 'shininess'
how difficult it is to scratch a mineral
crystals break into different parts with a more uneven surface
crystals break into different parts with flat surfaces

9. Complete the Mohs scale of hardness with the minerals in the box

Apatite 	Gypsum 	Talc 	Fluorite 	Topaz 
Feldspar 	Calcite 	Diamond 	Corundum 	Quartz 

①	②	③	④	⑤
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
⑥	⑦	⑧	⑨	⑩
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9. Complete the crossword:



ACROSS

② This is used in toasters

⑤ These are used to make things like computers

DOWN

① This is used to make cement

③ This is used to make coins

④ This is used to make watches