





















1. Are these objects minerals or rocks?

<p>a) granite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>b) pyrite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>c) jade</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>
<p>d) limestone</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>e) azurite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>f) marble</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>

2. Classify the rocks as sedimentary, igneous or metamorphic

<p>a) marble</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>b) pumice</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>c) basalt</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>d) limestone</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>e) quartzite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>
<p>f) slate</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>g) sandstone</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>h) granite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>i) shale</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>j) gneiss</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>





3. Write one use of each of these rocks

<p>a) chalk</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>b) granite</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>c) slate</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>	<p>d) marble</p>  <div style="border: 1px solid black; height: 20px; width: 100%; margin-top: 10px;"></div>
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4. Read the descriptions and decide if they describe sedimentary, igneous or metamorphic rocks

- a) These rocks can be formed by volcanic eruptions
- b) These rocks are formed by sediments that settle at the bottom of lakes, seas and oceans
- c) These rocks are originally sedimentary or igneous rocks
- d) The sediments are compressed over millions of years and solidify
- e) These rocks are formed by the magma in the Earth's mantle
- f) These rocks are transformed over time by intense heat and pressure

5. Match the minerals to their uses

<input type="text" value="quartz"/>	<input type="text" value="copper"/>	<input type="text" value="mica"/>	<input type="text" value="gypsum"/>	<input type="text" value="gypsum"/>
				

6. Look and read. Choose the correct word

atmosphere	talc	inner core	igneous	lithosphere	diamond
marble	quartz	mantle	minerals	mica	rocks
crust	cleavage	slate	lustre	sedimentary	geosphere

- These solid materials form naturally. They are made up of minerals
- These are solid substances which form naturally. Rocks are made up of them
- This is the solid part of the Earth
- This is the thickest layer of the geosphere. It is made up of magma
- This is the top layer of the geosphere. It is the layer we live on
- This is made up of the crust and the top part of the mantle
- Limestone and sandstone are examples of this type of rock
- These rocks are formed by the magma in the Earth's mantle
- This refers to the shininess of a mineral
- This is the hardest mineral on the Mohs scale
- This is the softest mineral on the Mohs scale