



---

# ALKHAIR SCHOOL

---

Science: Rocks and Minerals Revision-Grade 5



1. Geologists classify rocks into three different types based on how they are formed. What are the three types of rocks called?
  - ☐ Magma
  - ☐ Metamorphic
  - ☐ Minerals
  - ☐ Igneous
  - ☐ Sedimentary
  - ☐ Lava
2. Which rocks are formed from crystals?
  - ☐ Igneous and sedimentary rocks
  - ☐ Minerals and igneous rocks
  - ☐ Metamorphic and sedimentary rocks
  - ☐ Igneous and metamorphic rocks
3. To be classified as a mineral, a sample must have five characteristics, one characteristics is that it must
  - ☐ Be a gas
  - ☐ Be liquid
  - ☐ Man made
  - ☐ Occur naturally
4. Conglomerate is an example of which type of rock?
  - ☐ Igneous rock
  - ☐ Sedimentary rock
  - ☐ Metamorphic rock
  - ☐ Mineral
5. What turns metamorphic, igneous, and sedimentary rocks into sediments?
  - ☐ Deposition and air
  - ☐ Pressure and heat
  - ☐ Melting and cooling
  - ☐ Weathering and erosion
6. How are sedimentary rocks formed?
  - ☐ Sediments are deposited in layers
  - ☐ High temperature cause sediments to melt
  - ☐ Sediments get buried deep within the earth's surface
  - ☐ Pressure causes sediments to change



7. Sedimentary rocks are formed by

- ☐ Compaction
- ☐ Cooling
- ☐ Deposition
- ☐ heat

8. Which of the rocks shown below have a glassy texture? (put ticks)



9. When subjected to heat and pressure, shale, a sedimentary rock, turns into which type of rock?

- ☐ Slate, a metamorphic rock
- ☐ Limestone, a sedimentary rock
- ☐ Coal, a sedimentary rock
- ☐ Granite, an igneous rock

10. What rocks are formed when magma cools very slowly underground?

- ☐ Sedimentary rocks
- ☐ Intrusive igneous rocks
- ☐ Extrusive igneous rocks
- ☐ Metamorphic rock

11. What are extrusive igneous rocks?

- ☐ Rocks formed from sediments that are pressed together and hardened
- ☐ Rocks formed when high pressure and temperature change the properties of other rocks
- ☐ Rocks that are formed when lava cools very quickly above ground
- ☐ Rocks that are formed when magma cools very slowly underground

12. What are the features of intrusive igneous rocks?

- ☐ They are made of large crystals
- ☐ They cool very slowly
- ☐ They cool quickly
- ☐ They are made of tiny crystals
- ☐ They are found on ocean floors
- ☐ They are formed from lava

13. What rocks are formed when magma cools very slowly underground?

- ☐ Sedimentary rocks
- ☐ Extrusive igneous rocks
- ☐ Metamorphic rocks
- ☐ Intrusive igneous rocks

14. What rocks are formed when lava cools very quickly above ground?

- ☐ Sedimentary rocks
- ☐ Extrusive igneous rocks
- ☐ Metamorphic rocks
- ☐ Intrusive igneous rocks

15. Igneous rocks are formed when

- ☐ rocks melt and then cool
- ☐ rocks become sediments
- ☐ rocks change their shape
- ☐ rocks break and then form layers



16. Which of the following are examples of extrusive igneous rocks?



Granite



Basalt



Gabbro



Slate



Obsidian



Marble

17. Which of the following are examples of intrusive igneous rocks?



Granite



Basalt



Gabbro



Slate



Obsidian



Marble

18. Which of the following are examples of metamorphic rocks?



Granite



Basalt



Gabbro



Gneiss



Obsidian



Marble



19. Which of the following are examples of sedimentary rocks?



Granite



Conglomerate



Gabbro



Gneiss



Limestone



Marble



20. which of the following rocks is used as a source of heat and to generate electricity?



Granite



Conglomerate



Gabbro



Coal



Limestone



Marble