

Minerals Quiz: questions and answers



1. A mineral is usually what kind of chemical compound?

- Artificial
- Natural
- Synthesized

2. What is the angles specification of the Triclinic family of minerals?

- $\alpha=\beta=90^\circ, \gamma=120^\circ$
- $\alpha=\gamma=90^\circ, \beta\neq 90^\circ$
- $\alpha\neq\beta\neq\gamma\neq 90^\circ$

3. What is the name of $\text{Mg}_3\text{Si}_4\text{O}_{10}(\text{OH})_2$, one of the softest minerals?

- Gypsum
- Calcite
- Talc

4. What is the process by which minerals split easily along a flat surface?

- Luster
- Cleavage
- Ketosis

5. What mineral ensures that the nervous system functions properly?

- Potassium
- Calcium

Zinc

6. Which mineral species does amethyst belong to?

Quartz

Rutile

Olivine

7. Which scale is used for measuring mineral hardness?

A mohs hardness scale

A bruise scale

A Rockwell scales

8. Silicate minerals are subdivided into classes depending upon the degree of:

Dissociation

Elasticity

Polymerization

9. Which essential mineral is present in bones and teeth in abundance?

Phosphorous

Magnesium

Tocopherol

10. Adding HCl to a mineral is called:

A hardness test

An acid test

A solubility test

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Right answers

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