DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

Mineral Detective: Learn and Practice

Test hardness, streak and lustre to name minerals.

Read each question. Circle the best answer.

💡 Minerals

- A mineral is a natural, non living solid with a crystal structure.
- Geologists identify minerals by hardness, streak, lustre, color and how they break.
- The Mohs scale ranks hardness from 1, talc, to 10, diamond.
- scratches glass, white streak: quartz

1 What is a mineral's streak?

A. How shiny it is B. How it smells C. How heavy it is D. The color of its powder

2 What is the softest mineral on the Mohs scale?

A. Topaz B. Diamond C. Quartz D. Talc

3 Why is color alone often a poor way to identify a mineral?

A. Color never changes B. All minerals are gray C. Minerals have no color D. Impurities can change the color

4 What is a mineral?

A. Any rock in a garden
B. A natural non living solid with crystals
C. A liquid metal D. A living crystal

5 Pyrite looks like gold but leaves a greenish black streak. What streak does gold leave?

A. White B. Yellow C. Red D. Greenish black

6 💎 What is the hardest mineral on the Mohs scale?

A. Gypsum B. Diamond C. Quartz D. Talc

7 Mineral A scratches mineral B. What does this tell you?

A. A is harder than B B. A is heavier than B C. They are equally hard D. B is harder than A

8 ✨ What does lustre describe?

A. Its age B. Its streak color C. How a mineral reflects light D. How hard it is

ANSWER KEY

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