BRITISH COLUMBIA GEOLOGY 12 (MGEOL12) · UNIT A · 5 QUESTIONS

Minerals, Rocks and Resources — Practice Test

This practice test was made by AI and there may be mistakes. If a question or answer looks wrong, use the Flag a mistake button to let Brett know so he can fix it.

1 **Lustre describes how a mineral surface**

- A reflects light
- B breaks under pressure
- C reacts with acid
- D changes colour when heated

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2 **Clear plastic semicircular protractor lies flat on a plain white surface, degree markings visible, no people. A mineral that breaks with an irregular curved surface rather than along flat planes shows**



A hardness

B fracture

C cleavage

D streak

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3 **If a mineral scratches talc but is scratched by calcite, its Mohs hardness is between**

A 8 and 9

B 1 and 2

C 2 and 3

D 5 and 6

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4 **Calcite can be identified in part because it reacts with dilute acid to produce**

A black smoke

B a magnetic field

C bright sparks

D carbon dioxide bubbles

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5 The graph shows mass against volume for a second sample. The mass at a volume of 3 cm^3, in grams, is

- **A** 12
- **B** 16
- **C** 4
- **D** 8

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ANSWER KEY

1. A
2. B
3. C
4. D
5. A

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