YUKON 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 **A sparkling diamond shows how a mineral surface reflects light. 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 **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

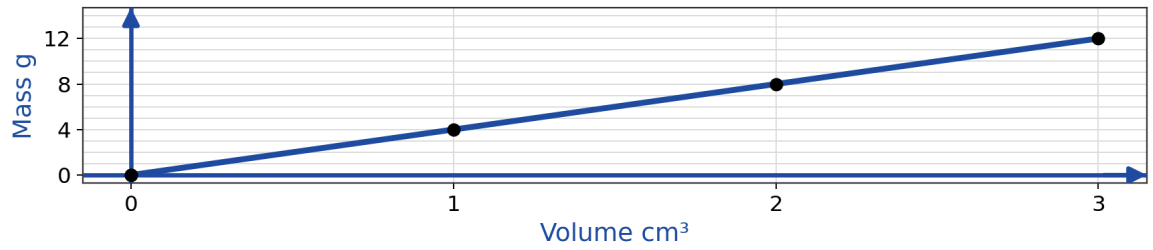
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4 **Calcite can be identified in part because it reacts with dilute acid to produce**

- **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 cm³, 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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