BRITISH COLUMBIA FOUNDATIONS OF MATHEMATICS 11 (MFOM-11) · UNIT A · 5 QUESTIONS

Mathematical Reasoning and Angle Relationships — 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 **Ammonite fossil embedded in flat grey rock, clear spiral shell pattern, the fossil large in frame. The next term in the pattern 3, 9, 27, 81 is**



A 108

B 162

C 243

D 324

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2 **Which value is a counterexample to the claim that the difference of two prime numbers is always odd?**

A 5 - 3 = 2

B 7 - 2 = 5

C 11 - 2 = 9

D 13 - 5 = 8

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3 **The complement of an angle measuring 64° is**

A 26°

B 116°

C 36°

D 64°

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4 **Two parallel lines are cut by a transversal. One angle measures 105°. The measure of its alternate interior angle is**

- A 75°
- B 105°
- C 15°
- D 180°

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5 **In a triangle, two angles measure 61° and 44°. The third angle measures**

- A 65°
- B 75°
- C 85°
- D 105°

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ANSWER KEY

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

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