MANITOBA ESSENTIAL MATHEMATICS 40S · UNIT A · 10 QUESTIONS

Analysis of Games and Numbers — 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 puzzle asks for the sum of 9 and the product of 9 and 2. That total is**



ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The number of ways to arrange 3 different items in order is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **A team earns 3 points for a win and 1 point for a draw. With 5 wins and 1 draws, its points total is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An arithmetic pattern starts at 3 and increases by 4. Term 7 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The number of possible outcomes when flipping a coin 6 times is**

ANSWER _____

Understand It with Pulse | Flag a mistake

6 **The longest side of a right triangle is the**

A adjacent

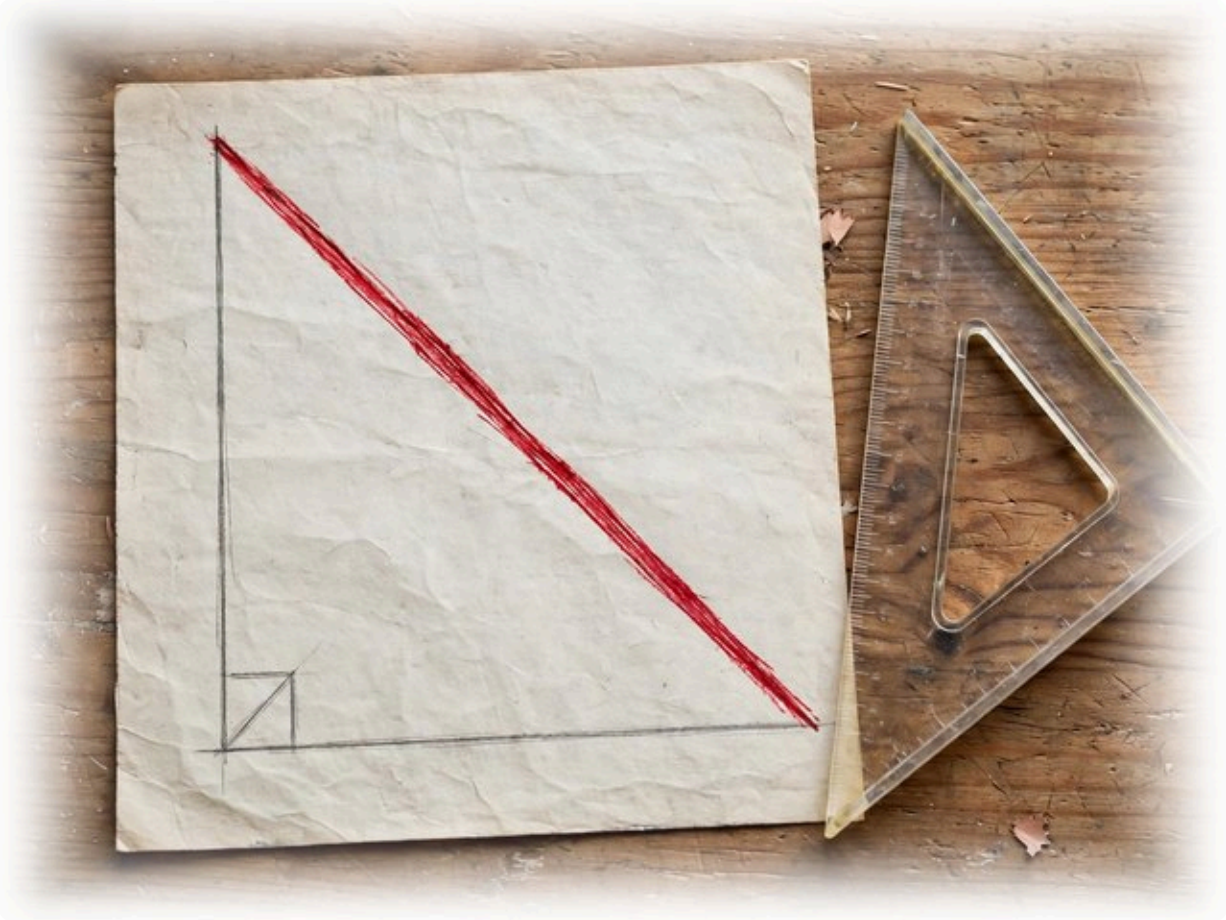
B hypotenuse

C opposite

D leg

Understand It with Pulse | Flag a mistake

7 **In a right triangle, the side opposite the right angle is the**



A adjacent

B opposite side

C hypotenuse

D base

Understand It with Pulse | Flag a mistake

8 **The sum of the interior angles of a triangle is**

A 90 degrees

B 270 degrees

C 360 degrees

D 180 degrees

Understand It with Pulse | Flag a mistake

9 **The sum of the interior angles of a quadrilateral is**

A 360 degrees

B 180 degrees

C 270 degrees

D 540 degrees

Understand It with Pulse | Flag a mistake

10 **A polygon with five sides is a**

A hexagon

B pentagon

C octagon

D heptagon

Understand It with Pulse | Flag a mistake

ANSWER KEY

1. 27
2. 6
3. 16
4. 27
5. 64
6. B
7. C
8. D
9. A
10. B

© 2026 Brett Robbins. All Rights Reserved.