MANITOBA PRE-CALCULUS MATHEMATICS 30S · UNIT A · 10 QUESTIONS

Radical and Rational Equations — 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 **Evaluate $a\,x + b$ when $a = 7$, $b = 10$, and $x = 5$. The result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Two numbers add to 24 and subtract to 2. The larger number is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **An arithmetic sequence starts at 11 and increases by 2 each term. Term 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **An arithmetic sequence starts at 5 and increases by 2 each term. Term 9 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **A line passes through (1, 7) and (5, 11). Its slope 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.	45	**5.**	1	**9.**	A
2.	13	**6.**	B	**10.**	B
3.	27	**7.**	C		
4.	21	**8.**	D		

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