MANITOBA INTRODUCTION TO APPLIED AND PRE-CALCULUS MATHEMATICS 20S · UNIT E · 10 QUESTIONS

Relations, Functions and Linear Functions — 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 **The vertex of the parabola $f(x) = 2x^2 - 4x + 3$ has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **A polygon with eight sides is an**

A. hexagon

B. octagon

C. pentagon

D. decagon

Understand It with Pulse | Flag a mistake

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

A hexagon

B octagon

C heptagon

D pentagon

Understand It with Pulse | Flag a mistake

4 **The mean of a data set is also called the**

A median

B mode

C average

D range

Understand It with Pulse | Flag a mistake

5 **The middle value of an ordered data set is the**

A mean

B mode

C range

D median

Understand It with Pulse | Flag a mistake

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

A 180 degrees

B 270 degrees

C 360 degrees

D 540 degrees

Understand It with Pulse | Flag a mistake

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

A 90 degrees

B 180 degrees

C 270 degrees

D 360 degrees

Understand It with Pulse | Flag a mistake

8 **The value that makes an equation true is called the**

A solution

B coefficient

C variable

D expression

Understand It with Pulse | Flag a mistake

9 **The vertex of the parabola f(x) = 2x² -20x + 3 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The vertex of the parabola f(x) = 1x² -2x + 3 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	1	**5.**	D	**9.**	5
2.	B	**6.**	C	**10.**	1
3.	D	**7.**	B		
4.	C	**8.**	A		

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