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

Quadratic Functions and 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 **The vertex of the parabola $f(x) = 2x^2 - 20x + 3$ has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A. hexagon

B. pentagon

C. decagon

D. octagon

Understand It with Pulse | Flag a mistake

3 **A triangle with all sides equal is**

A equilateral

B isosceles

C scalene

D right

Understand It with Pulse | Flag a mistake

4 **The point where a graph crosses the x axis is the**

A y intercept

B x intercept

C vertex

D origin

Understand It with Pulse | Flag a mistake

5 **The point where a graph crosses the y axis is the**

A y intercept

B x intercept

C vertex

D origin

Understand It with Pulse | Flag a mistake

6 **The ratio of circumference to diameter is**

A two

B three

C pi

D the radius

Understand It with Pulse | Flag a mistake

7 **Two lines that meet at a right angle are**

A parallel

B coincident

C skew

D perpendicular

Understand It with Pulse | Flag a mistake

8 **Two lines that never meet are**

A perpendicular

B intersecting

C parallel

D coincident

Understand It with Pulse | Flag a mistake

9 **The vertex of the parabola $f(x) = 2x^2 - 16x + 3$ has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

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

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