MANITOBA PRE-CALCULUS MATHEMATICS 40S · UNIT D · 10 QUESTIONS

# Exponential and Logarithmic 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 $f(x) = 2x^2 - 12x + 3$ has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

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

A. isosceles

B. scalene

C. equilateral

D. right

Understand It with Pulse | Flag a mistake

3 **A triangle with no sides equal is**

A scalene

B isosceles

C equilateral

D right

Understand It with Pulse | Flag a mistake

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

A average

B median

C mode

D range

Understand It with Pulse | Flag a mistake

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

A y intercept

B vertex

C origin

D x intercept

Understand It with Pulse | Flag a mistake

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

A pi

B two

C three

D the radius

Understand It with Pulse | Flag a mistake

7 **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

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 vertex of the parabola f(x) = 2x² -8x + 3 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **The vertex of the parabola f(x) = 1x² -6x + 3 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

## ANSWER KEY

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

© 2026 Brett Robbins. All Rights Reserved.