MANITOBA APPLIED MATHEMATICS 40S · UNIT D · 10 QUESTIONS

Relations and 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 **Let f(x) = 3x + 9 . The inverse function at 33 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **Evaluate 5 × 2² . The result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The graph shows y = 1x + 3 . The value of f(1) is**



ANSWER _____

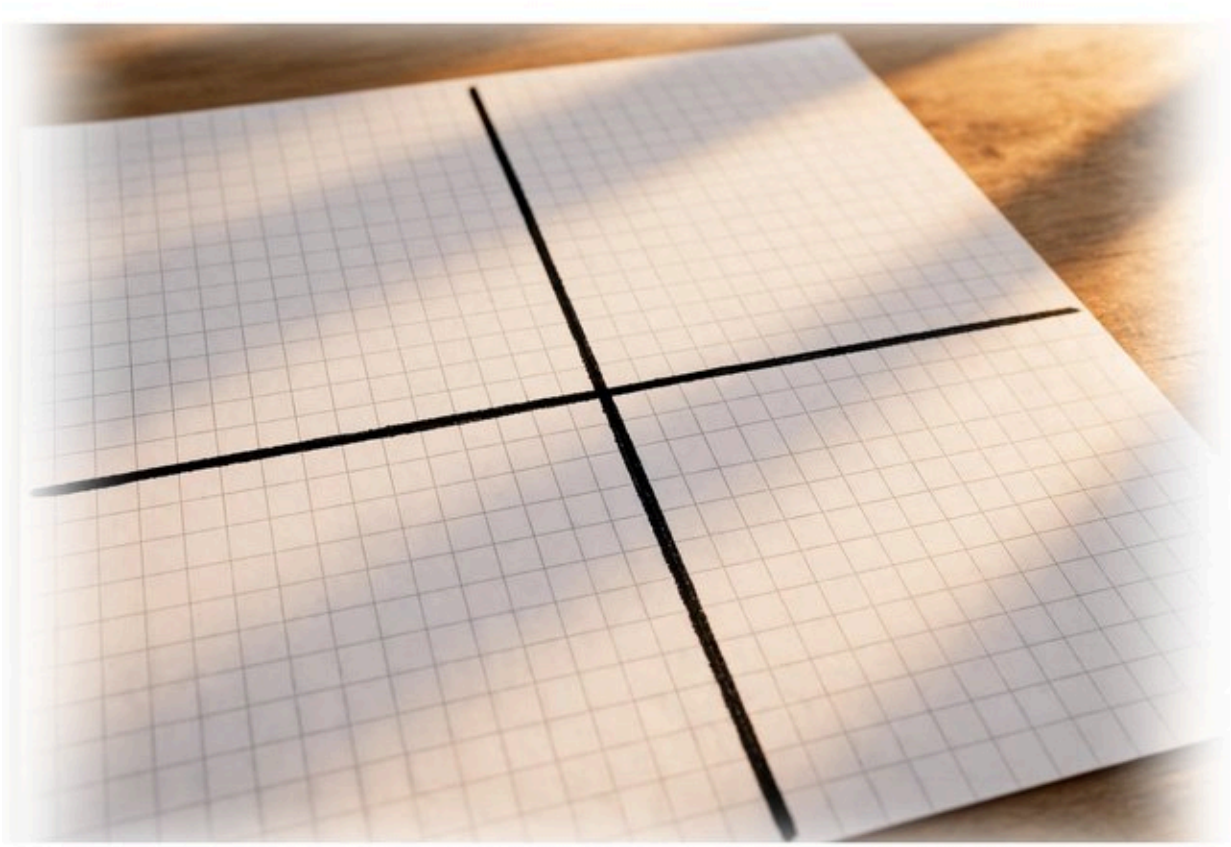
Understand It with Pulse | Flag a mistake

4 **Evaluate $f(x) = a\,x^2 + b\,x + c$ when $a = 3$, $b = 3$, $c = 7$, and $x = 3$. The result is**

ANSWER _____

Understand It with Pulse | Flag a mistake

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



ANSWER _____

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 **An angle measuring 90 degrees is a**



A acute angle

B right angle

C obtuse angle

D straight angle

Understand It with Pulse | Flag a mistake

8 **An angle measuring less than 90 degrees is an**

A obtuse angle

B right angle

C acute angle

D reflex angle

Understand It with Pulse | Flag a mistake

9 **An angle measuring more than 90 degrees but less than 180 degrees is an**

A acute angle

B right angle

C reflex angle

D obtuse angle

Understand It with Pulse | Flag a mistake

10 **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**

ANSWER KEY

1. 8
2. 20
3. 4
4. 43
5. 1
6. A
7. B
8. C
9. D
10. A

© 2026 Brett Robbins. All Rights Reserved.