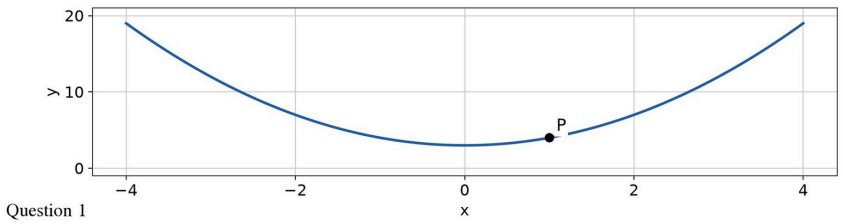
MANITOBA APPLIED MATHEMATICS 30S · UNIT B · 10 QUESTIONS

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



Question 1

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

ANSWER

Understand It with Pulse | Flag a mistake

2 **Evaluate f(x) = a x² + b x + c when a = 3 , b = 3 , c = 7 , and x = 3 . The result is**

ANSWER

Understand It with Pulse | Flag a mistake

3 **The vertex of the parabola f(x) = 1x² -8x + 3 has x coordinate**

ANSWER

Understand It with Pulse | Flag a mistake

4 **Let f(x) = 5x + 3 and g(x) = 2x + 3 . The value of f(g(3)) is**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **Let f(x) = 2x + 3 . The inverse function at 15 is**

ANSWER _____

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 **A polygon with five sides is a**

A hexagon

B octagon

C heptagon

D pentagon

Understand It with Pulse | Flag a mistake

8 **A polygon with six sides is a**

A hexagon

B pentagon

C octagon

D decagon

Understand It with Pulse | Flag a mistake

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

A hexagon

B octagon

C pentagon

D decagon

Understand It with Pulse | Flag a mistake

10 **The distance around a circle is the**

A diameter

B radius

C circumference

D area

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	4	**5.**	6	**9.**	B
2.	43	**6.**	C	**10.**	C
3.	4	**7.**	D		
4.	48	**8.**	A		

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