PRINCE EDWARD ISLAND PRE-CALCULUS 12 · UNIT A

Function Transformations — Practice Test

Prince Edward Island Pre-Calculus 12 • 10 questions

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 **For g(x) = -2f(x - 1) + 4, where f(x) = x², the value of g at x = 3 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

2 **The vertex of y = x² - 6x + 10 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

3 **The vertex of y = x² - 6x + 10 has y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

4 **Under a vertical stretch by a factor of 3, the point 2 comma 4 moves to this y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

5 **The vertex of $y = x^2$ shifted right 2 and up 1 is at**

A 2 comma -1

B 0 comma 1

C 2 comma 1

D -2 comma 1

Understand It with Pulse | Flag a mistake

6 **Under a reflection in the x axis, the point 1 comma 7 moves to this y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

7 **For g(x) = f(x - 2) - 1, where f(x) = x², the value of g at x = 4 is**

ANSWER _____

Understand It with Pulse | Flag a mistake

8 **The vertex of y = x² + 4x + 5 has x coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

9 **The vertex of y = x² + 4x + 5 has y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

10 **Under a vertical stretch by a factor of 4, the point 0 comma 2 moves to this y coordinate**

ANSWER _____

Understand It with Pulse | Flag a mistake

ANSWER KEY

1.	-4	**5.**	C	**9.**	1
2.	3	**6.**	-7	**10.**	8
3.	1	**7.**	3		
4.	12	**8.**	-2		

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