DO NOW

The vertex of the parabola $f(x) = x^2 - 4x + 3$ has coordinates (2, -1). Find the coordinates of the vertex of the function defined by $g(x) = f(x + 3)$.

Left 3 units

2 - 3 = -1

New Vertex (-1, -1)

Apr 10-6:55 AM

HW Answers

1) C

2) A

3) D

4) A

5) C

6) D

7) B

Apr 19-12:41 PM

Graphing Quadratic Functions Quiz Topics

- Graphing a Quadratic Function
- Finding the Axis of Symmetry and Vertex Algebraically

AOS $x = \frac{-b}{2a}$

- Roots/Zeros/Solutions/X-Intercepts of a Quadratic Function (from an equation/graph/table)
- Vertex - Minimum/Maximum - Turning Point
- Vertex Form of a Quadratic Function and Completing the Square
- Transformations of Quadratic Functions
- Domain/Range of a Quadratic

Apr 10-7:02 AM