FUNCTION TOOLKIT - PRACTICE TEST | NEW BRUNSWICK PRE-CALCULUS B 120 · UNIT C · 5 QUESTIONS

Function Toolkit, 5-question test — 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 **A staircase rises in steps. For the piecewise function that equals x plus 1 when x is less than 0 and 2x when x is at least 0, the value at x equals 3 is**



Question 1

A staircase rises in steps. For the piecewise function that equals x plus 1 when x is less than 0 and $2x$ when x is at least 0, the value at x equals 3 is

ANSWER

Understand It with Pulse | Flag a mistake

2

For the piecewise function that equals x plus 1 when x is less than 0 and 2x when x is at least 0, the value at x equals 4 is

Question 2

For the piecewise function defined by $x + 1$ when $x < 0$ and $2x$ when $x \geq 0$, the value at $x = 4$ is

ANSWER

Understand It with Pulse | Flag a mistake

3

For the piecewise function that equals x plus 1 when x is less than 0 and 2x when x is at least 0, the value at x equals 5 is

Question 3

For the piecewise function defined by $x + 1$ when $x < 0$ and $2x$ when $x \geq 0$, the value at $x = 5$ is

ANSWER

Understand It with Pulse | Flag a mistake

4

For the piecewise function that equals x plus 1 when x is less than 0 and 2x when x is at least 0, the value at x equals 6 is

Question 4

For the piecewise function defined by $x + 1$ when $x < 0$ and $2x$ when $x \geq 0$, the value at $x = 6$ is

ANSWER

Understand It with Pulse | Flag a mistake

5

For the piecewise function that equals x plus 1 when x is less than 0 and 2x when x is at least 0, the value at x equals 7 is

Question 5

For the piecewise function defined by $x + 1$ when $x < 0$ and $2x$ when $x \geq 0$, the value at $x = 7$ is

ANSWER

Understand It with Pulse

Flag a mistake

ANSWER KEY

1. 6
2. 8
3. 10
4. 12
5. 14

© 2026 Brett Robbins. All Rights Reserved.