

Graph each function without a calculator.

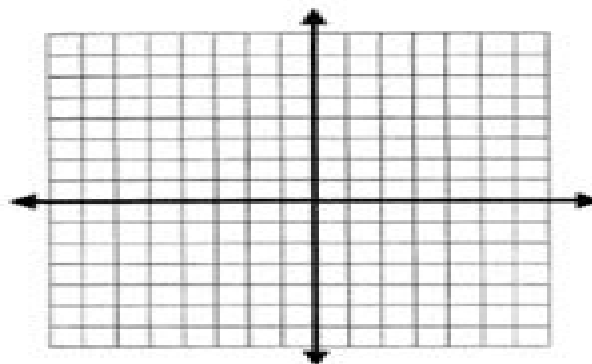
1. $f(x) = \begin{cases} 2x + 3, & x < 0 \\ 3 - x, & x \geq 0 \end{cases}$

Evaluate the following:

$$f(0) =$$

$$f(-3) =$$

$$f(2) =$$

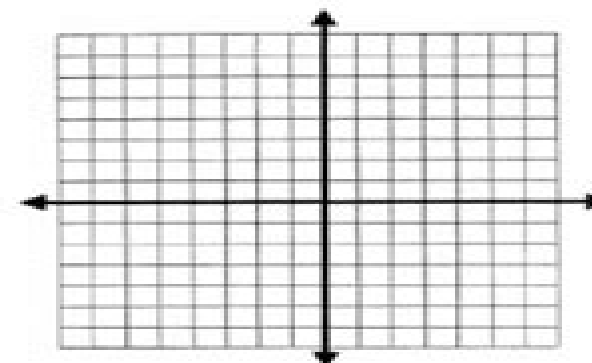


2. $f(x) = \begin{cases} x + 3 & , x \leq 0 \\ 3 & , 0 < x \leq 2 \\ 2x - 1 & , x > 2 \end{cases}$

Evaluate the following:

$$f(-1) =$$

$$f(1) =$$



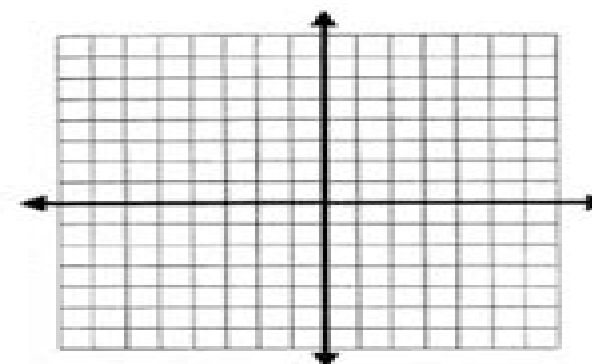
3. $f(x) = \begin{cases} 3x + 5, & x \leq -2 \\ x - 4, & x > -2 \end{cases}$

Evaluate the following:

$$f(2) =$$

$$f(-3) =$$

$$f(0) =$$



Piecewise Functions Activity

Mike Jess

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the name bar.

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Table of Contents Piecewise Functions Activity

1. Understanding the eBook Piecewise Functions Activity
 - The Rise of Digital Reading Piecewise Functions Activity
 - Advantages of eBooks Over Traditional Books
2. Identifying Piecewise Functions Activity
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Piecewise Functions Activity
 - User-Friendly Interface
4. Exploring eBook Recommendations from Piecewise Functions Activity
 - Personalized Recommendations
 - Piecewise Functions Activity User Reviews and Ratings
 - Piecewise Functions Activity and Bestseller Lists

5. Accessing Piecewise Functions Activity Free and Paid eBooks
 - Piecewise Functions Activity Public Domain eBooks
 - Piecewise Functions Activity eBook Subscription Services
 - Piecewise Functions Activity Budget-Friendly Options
6. Navigating Piecewise Functions Activity eBook Formats
 - ePub, PDF, MOBI, and More
 - Piecewise Functions Activity Compatibility with Devices
 - Piecewise Functions Activity Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Piecewise Functions Activity
 - Highlighting and Note-Taking Piecewise Functions Activity
 - Interactive Elements Piecewise Functions Activity
8. Staying Engaged with Piecewise Functions Activity
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Piecewise Functions Activity
9. Balancing eBooks and Physical Books Piecewise Functions Activity
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Piecewise Functions Activity
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Piecewise Functions Activity
 - Setting Reading Goals Piecewise Functions Activity
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Piecewise Functions Activity
 - Fact-Checking eBook Content of Piecewise Functions Activity
 - Distinguishing Credible Sources
13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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