

 Homework: Section 4.5 Homework

Question 4, 4.5.26-Setup...
Part 3 of 3

HW Score: 100%, 8 of 8 points
Points: 1 of 1



Save

Find the absolute maximum and minimum values of the function over the indicated interval, and indicate the x -values at which they occur.

$f(x) = x^2 - 4x - 9$; $[1, 5]$

Find the first derivative of f :

$f'(x) = 2x - 4$
(Simplify your answer.)

The absolute maximum value is -4 at $x = 5$.
(Use a comma to separate answers as needed.)

The absolute minimum value is -13 at $x = 2$.
(Use a comma to separate answers as needed.)



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Jianjun Gao



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Adjunct Support Manual John Hornsby, McGinnis, Margaret Lial, 2003-12 **College Algebra** Michael Sullivan, 2005 The Eighth Edition of this highly dependable book retains its best features accuracy precision depth and abundant exercise sets while substantially updating its content and pedagogy Striving to teach mathematics as a way of life Sullivan provides understandable realistic applications that are consistent with the abilities of most readers Chapter topics include Graphs Polynomial and Rational Functions Conics Systems of Equations and Inequalities Exponential and Logarithmic Functions Counting and Probability and more For individuals with an interest in learning algebra as it applies to their everyday lives

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Table of Contents Mathxl Answer Keys

1. Understanding the eBook Mathxl Answer Keys
 - The Rise of Digital Reading Mathxl Answer Keys
 - Advantages of eBooks Over Traditional Books
2. Identifying Mathxl Answer Keys
 - 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 Mathxl Answer Keys
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mathxl Answer Keys
 - Personalized Recommendations
 - Mathxl Answer Keys User Reviews and Ratings
 - Mathxl Answer Keys and Bestseller Lists

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