Rearranging Formulae (A)



Rearrange the formulae to express x in terms of y.

1)
$$y = x + 5$$

16)
$$y = \frac{7}{x - 4}$$

$$y = x - 4$$

17)
$$y = \frac{-8}{9-x}$$

3)
$$y = -6 - x$$

18)
$$y = x^2$$

4)
$$y = 9x$$

19)
$$y = 5x^2$$

20)
$$y = 81x^2$$

21)
$$y = \frac{x^2}{2}$$

$$y = -\frac{2}{3}$$

22)
$$y = x^2 + 7$$

23)
$$y = 67 - x^2$$

$$y = 8x - 7$$

$$y = \frac{5x^2 - 7}{13}$$

10)
$$v = 10 - 3x$$

25)
$$y = \sqrt{11x}$$

11)
$$y = 7(3x + 2)$$

26)
$$y = \sqrt{x + 2}$$

12)
$$y = -4(x + 11)$$

27)
$$y = \sqrt{10 - x}$$

13)
$$y = \frac{x}{4} + 5$$

28)
$$y = \sqrt{\frac{8x - 3}{2}}$$

(4)
$$y = 10 - \frac{x}{3}$$

29)
$$y = 5 + \sqrt{\frac{6}{2x + 3}}$$

15)
$$y = \frac{x + 7}{5}$$

$$y = \frac{8-x}{4}$$

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Joan Horvath, Rich Cameron

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Table of Contents Using Formulas In Geometry Worksheets Lesson 5

- 1. Understanding the eBook Using Formulas In Geometry Worksheets Lesson 5
 - o The Rise of Digital Reading Using Formulas In Geometry Worksheets Lesson 5
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Using Formulas In Geometry Worksheets Lesson 5
 - 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 Using Formulas In Geometry Worksheets Lesson 5
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Using Formulas In Geometry Worksheets Lesson 5
 - Personalized Recommendations
 - Using Formulas In Geometry Worksheets Lesson 5 User Reviews and Ratings
 - Using Formulas In Geometry Worksheets Lesson 5 and Bestseller Lists
- 5. Accessing Using Formulas In Geometry Worksheets Lesson 5 Free and Paid eBooks
 - Using Formulas In Geometry Worksheets Lesson 5 Public Domain eBooks
 - Using Formulas In Geometry Worksheets Lesson 5 eBook Subscription Services
 - Using Formulas In Geometry Worksheets Lesson 5 Budget-Friendly Options

- 6. Navigating Using Formulas In Geometry Worksheets Lesson 5 eBook Formats
 - o ePub, PDF, MOBI, and More
 - Using Formulas In Geometry Worksheets Lesson 5 Compatibility with Devices
 - Using Formulas In Geometry Worksheets Lesson 5 Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Using Formulas In Geometry Worksheets Lesson 5
 - Highlighting and Note-Taking Using Formulas In Geometry Worksheets Lesson 5
 - Interactive Elements Using Formulas In Geometry Worksheets Lesson 5
- 8. Staying Engaged with Using Formulas In Geometry Worksheets Lesson 5
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - \circ Following Authors and Publishers Using Formulas In Geometry Worksheets Lesson 5
- 9. Balancing eBooks and Physical Books Using Formulas In Geometry Worksheets Lesson 5
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Using Formulas In Geometry Worksheets Lesson 5
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Using Formulas In Geometry Worksheets Lesson 5
 - Setting Reading Goals Using Formulas In Geometry Worksheets Lesson 5
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Using Formulas In Geometry Worksheets Lesson 5
 - Fact-Checking eBook Content of Using Formulas In Geometry Worksheets Lesson 5
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements

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