

Algebra I: California Edition

Scavenger Hunt

Welcome to Algebra I! Learn about your new textbook by answering the following questions. Next to each answer, write the page number where you found the information.

Part I - Introduction (Pages i - xxv)

1. How many chapters are in the Algebra book? _____ Page: _____
2. What year is the book's copyright? _____ Page: _____
3. Which author is from California? _____ Page: _____
4. Which California Standards are covered in Chapter 6? _____ Page: _____
5. What is Standard 14? _____
_____ Page: _____
6. What other chapter(s) cover Standard 14? _____ Page: _____
7. How many California Algebra I Standards are there? _____ Page: _____

Read the section titled "To the Student" on pages xxi through xxv.

8. List **three** different types of problems you will find in the Exercises sections throughout the book. _____ Page: _____

Part II - Chapters and Sections

9. In Chapter 3 there is a picture of a baseball player. Page: _____
What is the section about? _____
What is the relation to baseball described on this page? _____

10. Near the end of Chapter 5 there is a picture of some college graduates. According to the caption, which majors earn the highest starting salary? _____ Page: _____
What is this section about? _____
11. Go to the beginning of the exercises for Section 7-2.
What is Section 7-2 about? _____ Page: _____
Suppose you are working on your homework for Section 7-2 and you need some extra help.
Where does the book suggest you go for assistance? _____
List at least **three** other pages in the book that have this same suggestion: _____

12. Go to the first page of Section 9-5. Page: _____
What is Section 9-5 about? _____
According to the blue box on the right, what will you learn? _____

13. In the exercises for Section 10-3, find the picture of the state of California. Page: _____
What is the symbol for on this page? _____
Look at the questions. Make a guess for the answers: 1) _____ 2) _____

Part III - Appendices

14. What is on pages 618 through 643? _____
How might you use this? _____
15. What significant event happened in the history of mathematics in 1654?

_____ Page: _____
16. What is the formula for the volume of a cylinder? _____ Page: _____
17. Use the Index to find where “discriminant” is in the book. *Discriminant* is on page(s) _____.
Go to that page. What does it say “discriminant” means? _____

If you can't or couldn't figure it out from this paragraph, where else can you go in the book to
find the definition of something? _____ Page: _____
18. What particularly helpful section do you find before the index? _____ Page: _____

Part IV - Conclusions

19. What is something else interesting you found while exploring the book? Page(s) _____

Why is it interesting to you? _____

20. What did you learn by completing this “scavenger hunt”? _____

21. What is something you are worried about when you think about math class this year?

22. What is something you are looking forward to or are excited about in your math class this year?

