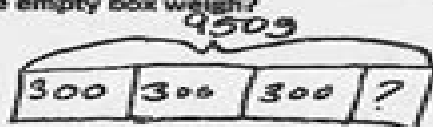


Name _____

Date _____

Use the RDW process to solve. Use a letter to represent the unknown in each problem.

1. A box containing 3 small bags of flour weighs 950 grams. Each bag of flour weighs 300 grams. How much does the empty box weigh?

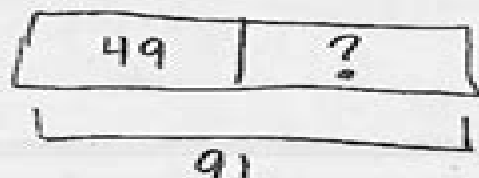


$$300 + 300 + 300 = 900$$

$$950 - 900 = 50 \text{ g}$$

The empty box weighs 50 grams.

2. Mr. Cullen needs 91 carpet squares. He has 49 carpet squares. If the squares are sold in boxes of 6, how many more boxes of carpet squares does Mr. Cullen need to buy?

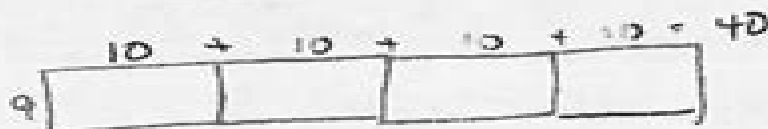


$$\begin{array}{r} 91 \\ - 49 \\ \hline 42 \end{array}$$

$$42 \div 6 = 7$$

Mr. Cullen needs to buy 7 more boxes.

3. Erica makes a banner using 4 sheets of paper. Each paper measures 9 inches by 10 inches. What is the total area of Erica's banner?



$$A = 9 \times 40$$

$$A = 360 \text{ sq. in.}$$

The total area is 360 sq in.


COMMON
CORE

Lesson 2:

Date:

Solve word problems in varied contexts using a letter to represent the unknown.
1/25/14

engage^{ny}

7.A.25

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Y Pai



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1. Understanding the eBook Answer Keys For Secondary Math Module 7 Lesson 7
 - The Rise of Digital Reading Answer Keys For Secondary Math Module 7 Lesson 7
 - Advantages of eBooks Over Traditional Books
2. Identifying Answer Keys For Secondary Math Module 7 Lesson 7
 - 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 Answer Keys For Secondary Math Module 7 Lesson 7
 - User-Friendly Interface
4. Exploring eBook Recommendations from Answer Keys For Secondary Math Module 7 Lesson 7
 - Personalized Recommendations
 - Answer Keys For Secondary Math Module 7 Lesson 7 User Reviews and Ratings
 - Answer Keys For Secondary Math Module 7 Lesson 7 and Bestseller Lists
5. Accessing Answer Keys For Secondary Math Module 7 Lesson 7 Free and Paid eBooks
 - Answer Keys For Secondary Math Module 7 Lesson 7 Public Domain eBooks
 - Answer Keys For Secondary Math Module 7 Lesson 7 eBook Subscription Services

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