



Student Name: _____

Class: _____

Due Date: _____

Introduction

Welcome to this homework assignment on subtracting 3-digit numbers with regrouping. This activity is designed to help you practice and refine your subtraction skills, focusing on regrouping in 3-digit numbers. By the end of this assignment, you will be able to confidently solve 3-digit subtraction problems that require regrouping, demonstrating your understanding of place value and the subtraction process.

Student Instructions

1. Read each problem carefully: Make sure you understand what is being asked before starting to solve the problem.
2. Use the regrouping method: When subtracting, remember to regroup (or borrow) when necessary. Start from the rightmost digit and move left, regrouping as needed.
3. Check your work: After solving each problem, verify your answer by adding the subtracted number back to your answer to ensure it equals the original number.
4. Use the space provided: Write your calculations and answers in the space given for each problem.
5. Ask for help if needed: If you're unsure about any part of the assignment, don't hesitate to ask your teacher or a parent/guardian for assistance.

Section 1: Basic Subtraction with Regrouping

Solve the following 3-digit subtraction problems that require regrouping:

1. $457 - 279 = \underline{\hspace{2cm}}$

2. $943 - 587 = \underline{\hspace{2cm}}$

3. $216 - 147 = \underline{\hspace{2cm}}$

4. $753 - 392 = \underline{\hspace{2cm}}$

5. $945 - 628 = \underline{\hspace{2cm}}$

Section 2: Word Problems

Apply your subtraction skills to solve these word problems:

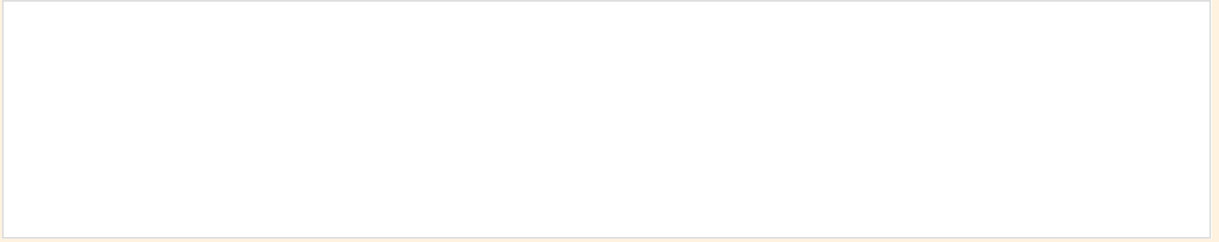
1. Sarah has 945 pencils in a box. She gives 628 pencils to her friend. How many pencils does Sarah have left?

2. A bookshelf has 753 books. After donating 392 books to a library, how many books are left on the bookshelf?

3. A store has 216 boxes of toys. They sell 147 boxes. How many boxes of toys does the store have left?

4. Tom has 945 stickers in a jar. He gives 279 stickers to his sister and 147 stickers to his brother. How many stickers does Tom have left?

5. A bakery has 753 cupcakes on display. They sell 392 cupcakes in the morning and 147 cupcakes in the afternoon. How many cupcakes are left at the end of the day?



Section 3: Challenge Problems

Solve the following challenge problems:

1. $945 - 279 - 147 = \underline{\hspace{2cm}}$

2. If you have 753 dollars and spend 392 dollars on a gift, and then another 147 dollars on a different gift, how much money do you have left?

3. A company has 943 employees. They hire 587 new employees and then lay off 216 employees. How many employees does the company have now?

4. A water tank can hold 753 gallons of water. If 392 gallons of water are already in the tank and 147 gallons are added, how much water is in the tank now?

5. A student has 945 points in a game. They lose 279 points in one round and 147 points in another round. How many points does the student have left?

Section 4: Mixed Review

Solve the following mixed review problems:

1. $945 - 628 = \underline{\hspace{2cm}}$

2. $753 - 392 = \underline{\hspace{2cm}}$

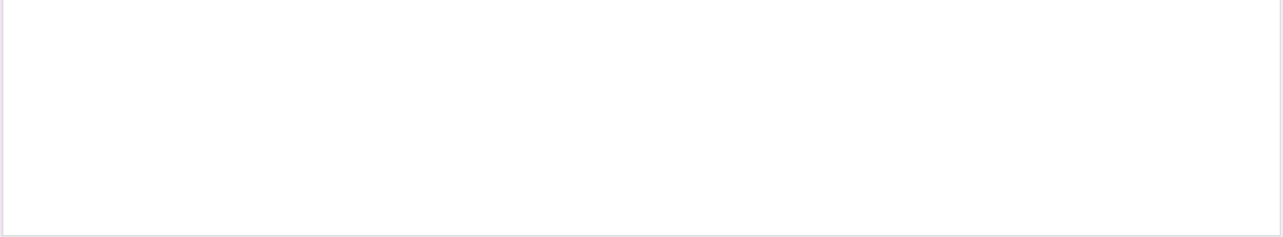
3. $216 - 147 = \underline{\hspace{2cm}}$

4. $943 - 587 = \underline{\hspace{2cm}}$

5. $457 - 279 = \underline{\hspace{2cm}}$

Section 5: Real-World Applications

Find a real-life scenario where subtraction with regrouping is necessary (e.g., budgeting, measuring, etc.) and explain how the concept applies.



Section 6: Create Your Own Problems

Design 3 original 3-digit subtraction problems that require regrouping and solve them.

Section 7: Reflection

Reflect on what you learned from this assignment. What challenges did you face? What strategies worked best for you?

Section 8: Additional Practice

Solve the following additional practice problems:

1. $945 - 279 = \underline{\hspace{2cm}}$

2. $753 - 392 = \underline{\hspace{2cm}}$

3. $216 - 147 = \underline{\hspace{2cm}}$

4. $943 - 587 = \underline{\hspace{2cm}}$

5. $457 - 279 = \underline{\hspace{2cm}}$

Section 9: Word Problem Practice

Apply your subtraction skills to solve these word problems:

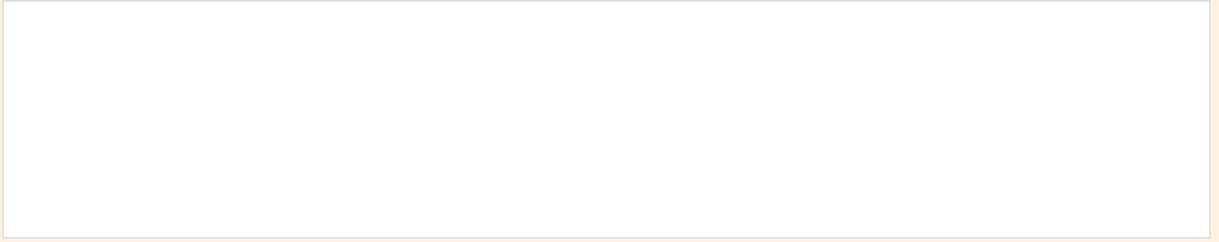
1. A library has 945 books on a shelf. They remove 628 books to make room for new books. How many books are left on the shelf?

2. A store has 753 boxes of cereal. They sell 392 boxes in one day and 147 boxes the next day. How many boxes of cereal are left?

3. A student has 945 points in a game. They lose 279 points in one round and 147 points in another round. How many points does the student have left?

4. A company has 943 employees. They hire 587 new employees and then lay off 216 employees. How many employees does the company have now?

5. A water tank can hold 753 gallons of water. If 392 gallons of water are already in the tank and 147 gallons are added, how much water is in the tank now?



Section 10: Final Review

Solve the following final review problems:

1. $945 - 628 = \underline{\hspace{2cm}}$

2. $753 - 392 = \underline{\hspace{2cm}}$

3. $216 - 147 = \underline{\hspace{2cm}}$

4. $943 - 587 = \underline{\hspace{2cm}}$

5. $457 - 279 = \underline{\hspace{2cm}}$

Success Criteria

To successfully complete this assignment:

- Accurately solve at least 80% of the problems in Sections 1 and 2.
- Correctly answer at least one of the challenge problems in Section 3.
- Demonstrate understanding through your work and explanations, especially in word problems and challenge sections.

To support your child's learning:

- **Encourage Active Learning:** Help your child understand that it's okay to make mistakes and that they are an important part of the learning process.
- **Provide Resources:** Ensure your child has the necessary tools, such as pencils, erasers, and paper, to complete the assignment comfortably.
- **Offer Guidance, Not Answers:** If your child is struggling, guide them by asking questions that help them think through the problem rather than giving them the answers directly.
- **Praise Effort:** Acknowledge and praise your child's effort and persistence, not just their grades or correctness of answers.