



Introduction to Subtraction with Regrouping

Subtraction with regrouping is a fundamental concept in mathematics that helps us solve complex subtraction problems. Visual aids such as base-ten blocks, number lines, and hundreds charts are essential tools for helping us understand and apply this concept.

Activity 1: Subtraction with Regrouping

Complete the following subtraction problems using regrouping:

1. $45 - 27 =$ _____
2. $56 - 32 =$ _____
3. $75 - 49 =$ _____
4. $93 - 27 =$ _____
5. $67 - 39 =$ _____

Activity 2: Real-World Scenarios

Read the following real-world scenarios and solve the subtraction problems:

1. Tom has 75 pencils in his pencil case. He gives 49 pencils to his friend. How many pencils does Tom have left?
2. A bookshelf has 93 books on it. If 27 books are removed, how many books are left on the bookshelf?
3. Sarah has \$45 in her piggy bank. She spends \$27 on a toy. How much money does Sarah have left?
4. A bakery has 84 cupcakes to sell. If they sell 52 cupcakes, how many cupcakes are left to sell?
5. A group of friends want to share some candy equally. If they have 93 pieces of candy and there are 27 friends, how many pieces of candy will each friend get?

Activity 3: Word Problems

Read the following word problems and solve the subtraction problems:

1. A toy car track is 56 inches long. If it is extended by 32 inches, how long is the track now?
2. A store has 99 boxes of cereal on the shelf. If 47 boxes are sold, how many boxes of cereal are left on the shelf?
3. A group of students are planning a trip. If they have \$99 to spend and they spend \$47 on tickets, how much money do they have left to spend on food and souvenirs?
4. A water tank can hold 84 liters of water. If 52 liters of water are already in the tank, how much more water can be added?
5. A basket contains 75 apples. If 49 apples are taken out, how many apples are left in the basket?

Activity 4: Mental Math

Use mental math strategies to solve the following subtraction problems:

1. $45 - 27 =$ _____

2. $56 - 32 =$ _____

3. $75 - 49 =$ _____

4. $93 - 27 =$ _____

5. $67 - 39 =$ _____

Conclusion

We hope you enjoyed this activity sheet on solving real-world problems using subtraction with regrouping and visual aids! Remember to practice regularly and use visual aids to help you understand and apply the concept of subtraction with regrouping.

Answer Key

Check your work and explain your reasoning:

Activity 1:

1. 18
2. 24
3. 26
4. 66
5. 28

Activity 2:

1. 26
2. 66
3. \$18
4. 32
5. 3

Activity 3:

1. 88
2. 52
3. \$52
4. 32
5. 26

Activity 4:

1. 18
2. 24
3. 26
4. 66
5. 28

