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Adding And Subtracting Worksheets Answer Key PDF

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Part 1: Building a Foundation

What is the result of adding 7 and 5?

undefined. A) 10

undefined. B) 11

undefined. C) 12 ✓

undefined. D) 13

The correct answer is 12.

Which of the following are correct subtractions?

undefined. A) 15 - 8 = 7 ✓

undefined. B) 20 - 5 = 14

undefined. C) 9 - 3 = 6 ✓

undefined. D) 12 - 4 = 8 ✓

The correct subtractions are A, C, and D.

Explain the process of carrying over in addition.

Carrying over involves moving a value to the next column when the sum exceeds 9.

List two symbols used in basic arithmetic operations and their meanings.

1. What is the symbol for addition?

+

2. What is the symbol for subtraction?

-

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Common symbols include '+' for addition and '-' for subtraction.

What is the value of the digit '5' in the number 452?

undefined. A) 5

undefined. B) 50 ✓

undefined. C) 500

undefined. D) 5000

The value of '5' in 452 is 50.

Part 2: Understanding and Interpretation

If you have 3 apples and you buy 5 more, how many apples do you have in total?

undefined. A) 7

undefined. B) 8 ✓

undefined. C) 9

undefined. D) 10

You will have a total of 8 apples.

Which of the following statements about subtraction are true?

undefined. A) Subtraction is commutative.

undefined. B) Subtraction is the inverse of addition. ✓

undefined. C) Subtraction can result in a negative number. ✓

undefined. D) Subtraction is associative.

The true statements are B and C.

Describe how place value affects the process of addition.

Place value determines how numbers are added based on their position.

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Part 3: Application and Analysis

You have $20. You buy a book for $8 and a pen for $3. How much money do you have left?

undefined. A) $9 ✓

undefined. B) $10

undefined. C) $11

undefined. D) $12

You will have $9 left after the purchases.

Which of the following scenarios require subtraction?

undefined. A) Calculating the total cost of items in a shopping cart.

undefined. B) Determining the change from a purchase. ✓

undefined. C) Figuring out how many more points are needed to win a game. ✓

undefined. D) Adding up the scores of a basketball game.

The scenarios that require subtraction are B and C.

Solve the following problem: A train leaves the station with 150 passengers. At the first stop, 25 passengers get off, and 30 new passengers board. How many passengers are on the train now?

There are 155 passengers on the train now.

Which number line correctly represents the subtraction of 3 from 10?

undefined. A) 10 → 9 → 8 → 7 ✓

undefined. B) 10 → 11 → 12 → 13

undefined. C) 10 → 8 → 6 → 4

undefined. D) 10 → 7 → 5 → 2

The correct number line is A.

Explain why borrowing is necessary in subtraction when the top digit is smaller than the bottom digit.

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Borrow is necessary to ensure you can subtract when the top digit is smaller.

Part 4: Evaluation and Creation

Which strategy would be most effective for solving the problem: "If you start with 100 and subtract 45, then add 30, what is the result?"

undefined. A) Subtract 45 first, then add 30. ✓

undefined. B) Add 30 first, then subtract 45.

undefined. C) Subtract 30 first, then subtract 45.

undefined. D) Add 45 first, then subtract 30.

The most effective strategy is to subtract 45 first, then add 30.

Evaluate the following statements and select those that describe effective strategies for solving complex addition and subtraction problems:

undefined. A) Break down the problem into smaller parts. ✓

undefined. B) Use estimation to check the reasonableness of answers. ✓

undefined. C) Ignore the place value of numbers.

undefined. D) Double-check calculations for accuracy. ✓

The effective strategies are A, B, and D.

Create a real-world problem involving both addition and subtraction, and provide a step-by-step solution.

A real-world problem could involve budgeting or shopping.

Reflect on a time when you used addition and subtraction in a real-life situation. Describe the situation and the outcome.

1. What was the situation?

I calculated my expenses for a trip.

2. What was the outcome?

I stayed within my budget.

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Reflect on a personal experience involving addition and subtraction.

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