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Authors: Nancy G. Nagel and Cynthia Carol Swingen
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Main content

Abstract :

Research was conducted to examine how children interpret the meaning of place value and how they work with multidigit numbers using the same concept. A sample of 52 elementary school students with ages ranging from six to 13 years old participated in the study which lasted for four months. Results indicate that a child's personal experience with place value results in valuable learning opportunities in addition and subtraction and vocabulary development related to mathematical processes.

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Place Value-rounding-Addition & Subtraction. 54. Spelling & Grammar. Only premium resources you own will be fully viewable by all students in classes you share this lesson with. Yes, share it. Back to lesson. Reminder. In order to share the full version of this attachment, you will need to purchase the resource on Tes. Purchase resource. Back to lesson. Students explain another student's written strategy for adding and written strategy for subtracting three-digit numbers. The teacher provides the student with a copy of the Place Value Strategies for Addition and Subtraction worksheet (or uses a projection device to display the problem on the board). The teacher reads the problem to the student to ensure understanding. If a student appears unable to understand the written strategies on the worksheet, the teacher should suggest that the student do the problem in his or her own way and fully explain it. TASK RUBRIC. Getting Started. Misconception/Error. The student is unable to explain the strategies shown and is unable to find a strategy for completing the subtra... Different Types of Addition and Subtraction Situations. Add To. Three ducks are on a pond. Students look for verbal clues when solving word problems. "More" usually (but not always) suggests addition and "less" usually (but not always) suggests subtraction. Look out for problems where these words suggest the opposite of what they usually do. For example, "The Green Team had 14 players which was 2 more than the Red Team. How many players were on the Red Team." Students who can interpret this as $14 - 2 = 12$ are well on their way to understanding addition and subtraction. Errors made with word problems. The following is based on work

by Anne Newman1 . Errors that students make in word Only RUB 79.09/month. Unit 1 Place Value, Addition, and Subtraction. STUDY. Flashcards. Any number being added. difference. the answer to a subtraction problem. estimate. A number that is not exact; a close value. operation. addition, subtraction, multiplication, division. sum. the answer to an addition problem. round. To find a number close to a certain place value. Compare. To decide if one number is greater than, less than, or equal to. Equivalent. having the same value. Expanded Form. A way to write numbers by showing the value of each digit. Place Value Position. Where a digit is located in a number. Round. A method of finding a number close to a certain place value. Written