

Second Grade

Two Step Situations

Push Box Two Operations

These activities extend the puzzles and the concepts learned in the puzzles throughout the week. The activities might be tasks, word problems, journal writing activities, or hands-on activities designed to deepen student understanding and help students make connections.

Some of the activities listed below work well in a remote environment and can be easily added to your virtual classroom. The activities that can be used remotely are designated as such.

Eventions Student Work Student Work Mame: Date: A carteria has 19 bananas, 16 apples and 43 orange. How many pieces of fruit are in the carteria? How many more pieces of fruit are needed to make 100 pieces? Explain.	 Pose different story problems that have two or more steps. For example: A cafeteria has 19 bananas, 16 apples and 43 orange. How many pieces of fruit are in the cafeteria? How many more pieces of fruit are needed to make 100 pieces? Explain. Ask students to solve the problem and represent the problem using an equation. Share students' solutions and strategies with the whole group. (Can be done remotely)
	 Display the following problems: 4 + 8 and 18 - 7. Ask students to compare the two problems. Discuss the meaning of addition and subtraction, the plus sign, minus sign, etc. Display the puzzles in Level 4. Without solving, look at each puzzle and ask students to identify which operations are occurring in the puzzles and how they know. Choose one of the puzzles and have students solve the puzzle and represent the puzzle with an equation that includes a ? for the unknown.
6 + ? = 24 6 + • = 24 6 + <i>a</i> = 24	 Display the equation 6 + ? = 24. Say to students, "In this equation a question mark represents what is unknown. Could we use a different symbol to represent the unknown?" Try students' suggestions by changing the question mark into a variety of shapes and symbols. Explain to students that most often letters are used to represent the unknown in an equation and this letter is call a <i>variable</i>. Show students different equations containing letters for the unknown.
Eventions Student Work Name:Date: Bruce has 18 cookies. He eats 6 cookies. Bruce bays 4 more cookies at the store. How many cookies does Bruce have now?	 Pose 1 or 2 different two step story problems and work as a whole class to solve them. For example: Bruce has 18 cookies. He eats 6 cookies. Bruce buys 4 more cookies at the store. How many cookies does Bruce have now? Then have students work with a partner to write a two step story problem. Have student groups trade story problems, solve the story problem and represent the story problem with an equation. Choose a few of the story problems to represent and solve as a whole class. (Can be done remotely)
EVIZIE TALK Classroom Extensions Pre-Work Name Date Solve 321 x 45 using two different strategies?	• If you are using Puzzle Talks as part of your remote learning plan, it is important to think about how to maximize the learning in the virtual environment. One strategy might be to do Pre-Work. Pre-Work encourages students to think about the concept prior to the Puzzle Talk.



Name:	Date:

A cafeteria has 19 bananas, 16 apples and 43 orange. How many pieces of fruit are in the cafeteria? How many more pieces of fruit are needed to make 100 pieces? Explain.



Name:	Date:

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Name:	Date:	

Can you think of something you do each day that takes more than 1 step to complete? What is it? What steps do you take?

Can a math problem have both addition AND subtraction in it? Explain.

Kayla is selling 45 brownies to raise money for a trip. She sold 8 brownies on Monday. On Tuesday she sold 16 brownies. How many brownies does Kayla have left? Write or draw a picture to show how you got your answer.