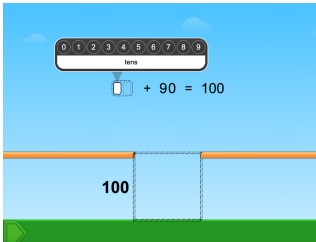
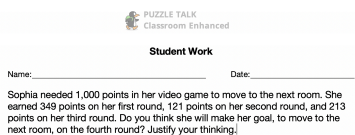
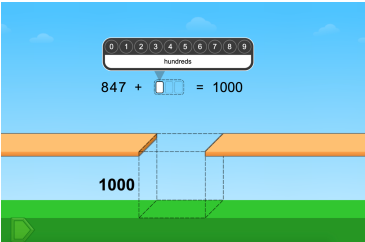
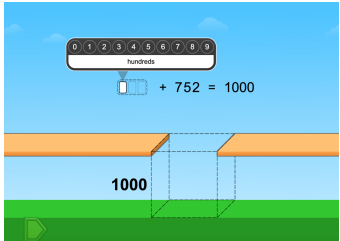
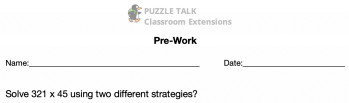


These activities extend the puzzles and the concepts learned in the puzzles throughout the week. The activities might be tasks, word problems, journal writing activities, or hands-on activities designed to deepen student understanding and help students make connections.

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.

	<ul style="list-style-type: none"> • Give students whiteboards and dry erase markers. Work through the puzzles in Level 3. • Have students keep track of all of the answers for the level. • When you complete the level, have students write the answers numbers in expanded form, word form and using base ten blocks. to show the addition.
	<ul style="list-style-type: none"> • Pose problems that require adding large numbers. • For example: <ul style="list-style-type: none"> ◦ Sophia needed 1,000 points in her video game to move to the next room. She earned 349 points on her first round, 121 points on her second round, and 213 points on her third round. Do you think she will make her goal, to move to the next room, on the fourth round? Justify your thinking. • Have students share their work with the whole class. (Can be used remotely)
	<ul style="list-style-type: none"> • Give students whiteboards and dry erase markers. Display a puzzle in Level 4. • Have students first solve the puzzle as displayed in the puzzle. Then, ask students to round each addend to the nearest ten/hundred and then solve the puzzle. • Compare the two answers and discuss times it is ok to round/estimate and times it is not. Repeat with other puzzles in Level 4.
	<ul style="list-style-type: none"> • Give students whiteboards and dry erase markers. Display a puzzle from Level 4. • Ask students to first write the equation using a variable to represent the unknown. • Then ask students to write a story problem to match the equation. Share a few problems and work together to solve the puzzle.
	<ul style="list-style-type: none"> • 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.



PUZZLE TALK
Extensions

Student Work

Name: _____

Date: _____

Sophia needed 1,000 points in her video game to move to the next room. She earned 349 points on her first round, 121 points on her second round, and 213 points on her third round. Do you think she will make her goal, to move to the next room, on the fourth round? Justify your thinking.



PUZZLE TALK
Extensions
Pre-Work

Name: _____

Date: _____

How many ways can you represent the number 1,682?

How are addition and subtraction related? How can this understanding help you to solve addition and subtraction problems? Explain.

Solve the following problem using at least two different strategies:

There are 234 seats in the school auditorium. 119 audience members have already taken their seats. How many empty seats are still in the auditorium?