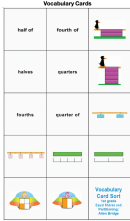
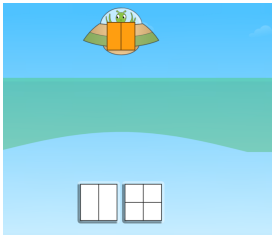
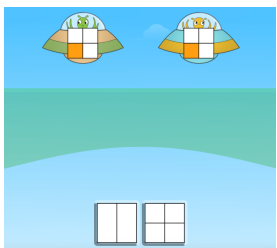
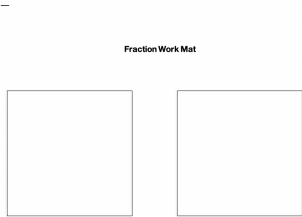
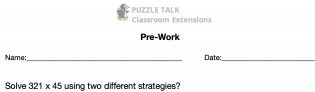



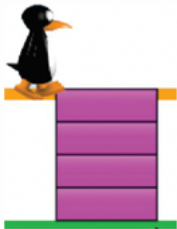


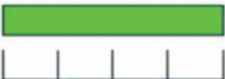
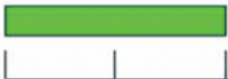


These activities extend the puzzles and the concepts learned in the puzzles throughout the week. The activities might be tasks, word problems, journal writing activities, or hands-on activities designed to deepen student understanding and help students make connections.

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 pairs of students the vocabulary card sort. • Have them sort and discuss how they sorted the cards. • Discuss how multiple cards can represent the same fraction.
	<ul style="list-style-type: none"> • Give each pair of students a set of the vocabulary cards. • Display the first puzzle in Level 2. Ask students to work together to find two different cards that could represent the fraction shown in the spaceship. • Discuss answers as a class. • Repeat with the remaining puzzles in Level 2.
	<ul style="list-style-type: none"> • Display the first puzzle in Level 3. • Ask students, "What is different about this puzzle and the other fraction puzzles we've done? What do you think we have to do now to clear a path for Jiji? Turn and talk to a neighbor about how to solve this puzzle." • Share and try students' ideas. Talk about how when two identical shapes are cut into the same number of pieces, those pieces are also identical. We can put those identical pieces together and count them. • Continue to name and count the fraction pieces in the remaining puzzles in Level 3.
	<ul style="list-style-type: none"> • Laminate the Fraction Work Mat (or put it in a page protector). Give each student a mat and a dry erase marker. • Tell students that you are going to give directions and they need to follow those directions. • Ask students to follow directions such as: Partition your shapes into halves. Shade in one half in each shape. How many total halves did you color? • Partition your squares into fourths. Make your fourths look different in each square. • Partition one square into halves. Partition the other square into fourths. Shade in one half and one fourth. Which is bigger? Why?; Partition one of the squares into fourths. • Shade in four of the fourths. Is this the same as the whole square? Why?
	<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.



Vocabulary Cards

half of	fourth of	
halves	quarters	
fourths	quarter of	
		
		Vocabulary Card Sort 1st grade Equal Shares and Partitioning: Alien Bridge



PUZZLE TALK
Extensions
Student Work Mat

Fraction Work Mat



PUZZLE TALK
Extensions
Pre-Work

Name: _____

Date: _____

Have you ever had to share something with someone? What did you do to make it fair?

Does breaking a cookie into two pieces always make *halves*? Why or why not?

Isaac has one piece of construction paper. Isaac folds and cuts the paper into 4 equal pieces. What could those pieces look like? How do you know they are equal?