
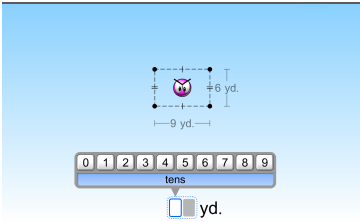
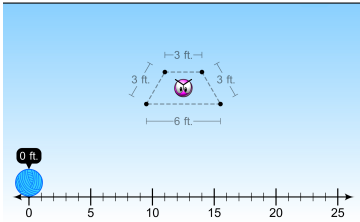






These activities extend the puzzles and the concepts learned in the puzzles throughout the week. The activities might be tasks, word problems, journal writing activities, or hands-on activities designed to deepen student understanding and help students make connections.

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.

<p></p> <p>Name: _____ Date: _____</p> <p>Sa'mya drew a rectangle but didn't show anybody. The only clue she gave was that her secret rectangle has a perimeter of 24 inches. What are the possible measurements for Sa'mya's rectangle? Explain.</p>	<ul style="list-style-type: none"> • Pose the following problem to students: <ul style="list-style-type: none"> ◦ Sa'mya drew a rectangle but didn't show anybody. The only clue she gave was that her secret rectangle has a perimeter of 24 inches. What are the possible measurements for Sa'mya's rectangle? Explain. • Have students work together to solve the problem. • Have students share their solutions. (Can be used remotely)
<p>Calculate the perimeter</p> 	<ul style="list-style-type: none"> • Give students a whiteboard and dry erase marker. Display the puzzles in Level 3 and have students find the perimeter of each shape. • For each puzzle, have students write down an equation to represent the perimeter as well as their solution. • Choose a few puzzles and ask students to convert to bigger or smaller measurements.
<p>Calculate the perimeter</p> 	<ul style="list-style-type: none"> • Give students a whiteboard and dry erase markers. Display a puzzle from Level 1 but do not let students see the puzzle. • Tell them what is on the screen and have students answer your questions. (e.g., "JiJi is showing a rectangle with a length of 4 inches and a width of 3 inches. What is the perimeter?" or "JiJi is showing a rhombus with a perimeter of 8 centimeters. What is the length of one side?") • For each puzzle, have students write an equation to represent the perimeter.
<p></p> <p>Name: _____ Date: _____</p> <p>Carlos needed to buy wood trim to go around his bedroom floor. He found trim that was sold in 8 ft. long strips.</p> <ul style="list-style-type: none"> • His rectangular bedroom is 12 ft. by 15 ft. • There is a door into the room and a closet door. Each door is 38 in wide. • How many pieces of trim does Carlos need to buy? Explain. 	<ul style="list-style-type: none"> • Pose the following problem to students: <ul style="list-style-type: none"> ◦ Carlos needed to buy wood trim to go around his bedroom floor. He found trim that was sold in 8 ft. long strips. His rectangular bedroom is 12 ft. by 15 ft. There is a door into the room and a closet door. Each door is 38 in wide. How many pieces of trim does Carlos need to buy? • Have students work together to solve the problem. • Have students share their solutions. (Can be used remotely)
<p></p> <p>Name: _____ Date: _____</p> <p>Solve 321×45 using two different strategies?</p>	<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: _____

Sa'mya drew a rectangle but didn't show anybody. The only clue she gave was that her secret rectangle has a perimeter of 24 inches. What are the possible measurements for Sa'mya's rectangle? Explain.



Student Work

Name: _____

Date: _____

Carlos needed to buy wood trim to go around his bedroom floor. He found trim that was sold in 8 ft. long strips.

- His rectangular bedroom is 12 ft. by 15 ft.
- There is a door into the room and a closet door. Each door is 38 in wide.
- How many pieces of trim does Carlos need to buy? Explain.



PUZZLE TALK
Extensions
Pre-Work

Name: _____

Date: _____

How are area and perimeter the same? How are they different?

Can the area and perimeter of a rectangle be equal? Prove your thinking.

David gets 24 color tiles out of the container. How many different rectangles could David make using all 24 color tiles? Choose 2 of the rectangles David could create and find the area and perimeter of each.