

Day 6: Perimeters #2

Lesson Target: Measure and calculate **perimeters** of quadrilaterals

Process	Activities/Expected Students' responses	Teacher's Support
Understand the Goal 5 min.	How do you effectively measure a variety of quadrilaterals' perimeters?	Post a card "Perimeter" along with other cards such as square, rectangle, parallelogram, trapezoid, rhombus, and kite
Explore/ Investigate/Solve 10 min. 10 min. 10 min.	<p>Review: Perimeter is the length around the shape</p> <p>Discuss if you have to measure all sides for all quadrilaterals.</p> <p>Sort quadrilaterals by how many lengths you have to measure. Discuss the reasons.</p> <p>S: You need to measure only one side in square because all sides are same size. S: In rectangle, you need to measure 2 sides. 2 other sides are same.</p> <p>Measure appropriate number of sides Find out their perimeter with equations. Record the perimeters with equation.</p> <p>Share in class</p>	<p>Facilitate students' discussions</p> <p>Provide a ruler</p>
Conclude	<p>Journal Entry:</p> <ul style="list-style-type: none"> • How do you measure Perimeters? • What information do you need? 	

Assessment:

- **Decide** how many sides they have to measure based on each quadrilateral's characteristics.
- **Measure** lengths accurately with a ruler.
- **Measure** a variety of quadrilaterals' perimeters accurately
- **Define** perimeters are the lengths around the any kind of shapes.