Perimeter of Polygons

Today's Standard

3.MD.D8 - Solve real world and mathematical problems involving perimeters of polygons, including finding the perimeter given the side lengths, finding an unknown side length, and exhibiting rectangles with the same perimeter and different areas or with the same area and different perimeters.

Cues	Notes
Perimeter	Perimeter is the distance around a shape.
Polygon	A polygon is a closed figure with straight sides.
Unknown side length	To find an unknown side length, subtract the known side lengths from the total perimeter.
Rectangles	
	Rectangles can have the same perimeter but different areas.
Area vs. Perimeter	
	Area is the space inside a shape, while perimeter is the distance around it.

Summary

Understanding the perimeter of polygons helps solve real-world problems by calculating the distance around shapes and comparing different geometric figures.