



## Attributes of 2D Figures

### Today's Standard

5.G.B3 - Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category. For example, all rectangles have four right angles and squares are rectangles, so all squares have four right angles.

Cues	Notes
What are the properties of rectangles?	Rectangles have four right angles and opposite sides that are equal.
How do squares relate to rectangles?	Squares are a type of rectangle with all sides equal.
What is a subcategory in geometry?	A subcategory is a more specific classification within a larger category.
Why is understanding shape attributes important?	Understanding shape attributes helps in classifying and solving geometric problems.
Can all four-sided figures be rectangles?	Not all four-sided figures are rectangles; some may have different properties.

### Summary

Understanding the properties of shapes and their subcategories helps in recognizing and classifying geometric figures, which is essential for solving more complex problems in geometry.