

Toolkit Activity – Quadrilateral Definitions

Launch:

Think of a common word, like “cat”. What is the definition of a cat?
Why is it important to have precise definitions?

Exploration:

1. What makes a quadrilateral a quadrilateral?
2. What makes a parallelogram a parallelogram?
3. What makes a rectangle a rectangle?
4. What makes a rhombus a rhombus?
5. What makes a square a square?

6. What makes a kite a kite?

7. What makes a trapezoid a trapezoid?

Summarize:

Let's organize what we've learned:

List the minimum attributes for each type of shape.

	Minimum attributes to define each type of shape.	Other attributes of each type of shape.
Quadrilateral		
Parallelogram		
Rectangle		
Rhombus		
Square		
Trapezoid		
Kite		

Create a diagram showing the relationships between the types of shapes.