

# Activity 3 Assessment

## Properties of Quadrilaterals

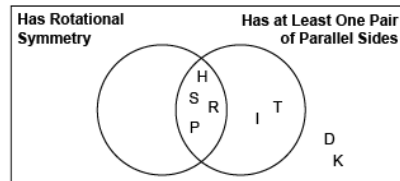
### Properties of Quadrilaterals

Recognizes that quadrilaterals have 4 sides and angles that sum to  $360^\circ$ .



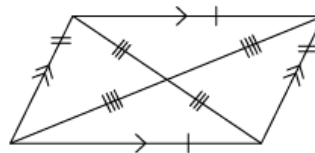
"I recognize the shapes by name. From left to right: square, rectangle, parallelogram, rhombus, isosceles trapezoid, trapezoid, convex kite (dart), and concave kite."

Understands that quadrilaterals can be classified using geometric properties.



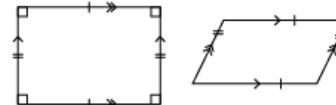
"I sorted the quadrilaterals using the properties of rotational symmetry and at least one pair of parallel sides."

Sketches and identifies quadrilaterals when given specific properties.



"I drew a parallelogram that has opposite sides equal and parallel; opposite angles equal; and rotational symmetry of order 2."

Sketches, defines, and analyzes quadrilaterals using common geometric properties.



"A rectangle is a parallelogram because it has opposite sides equal and parallel. A parallelogram is not a rectangle because it does not have 4 right angles."

### Observations/Documentation