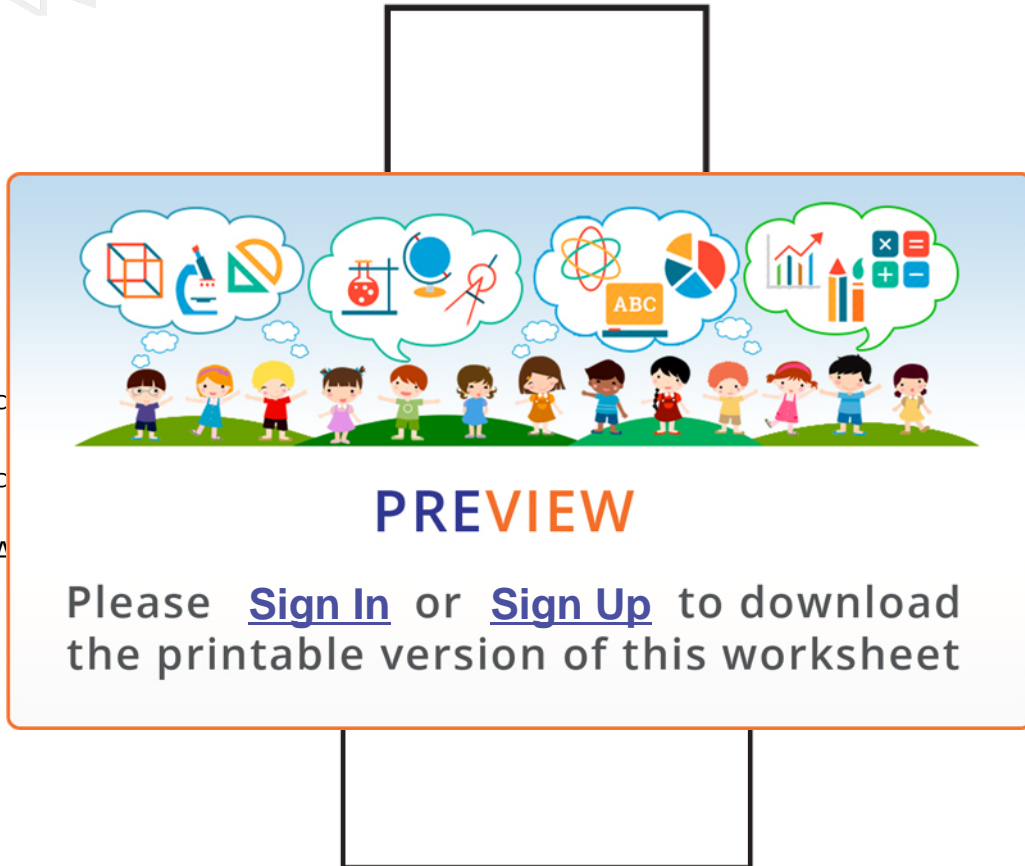# GEOMETRY CLASSIFICATION

Classifying Quadrilaterals

- A **quadrilateral** is a polygon with FOUR sides and FOUR angles. (quad = four)

- A **SQUARE** is a quadrilateral.

o

o

- A

o A rectangle has 4 sides and 4 angles.

o A rectangle has two pairs of equal sides.

o A square has 4 right angles.

- A **PARALLELOGRAM** is a quadrilateral.

  - A parallelogram has 4 sides and 4 angles.

  - A parallelogram has two pairs of opposite sides that are parallel.

- A **TRAPEZOID** is a quadrilateral.

  - A rhombus has 4 sides of equal length. A rhombus' opposite sides are parallel.

  - A rhombus has 4 angles. A rhombus' opposite angles are equal.