QUADRILATERALS

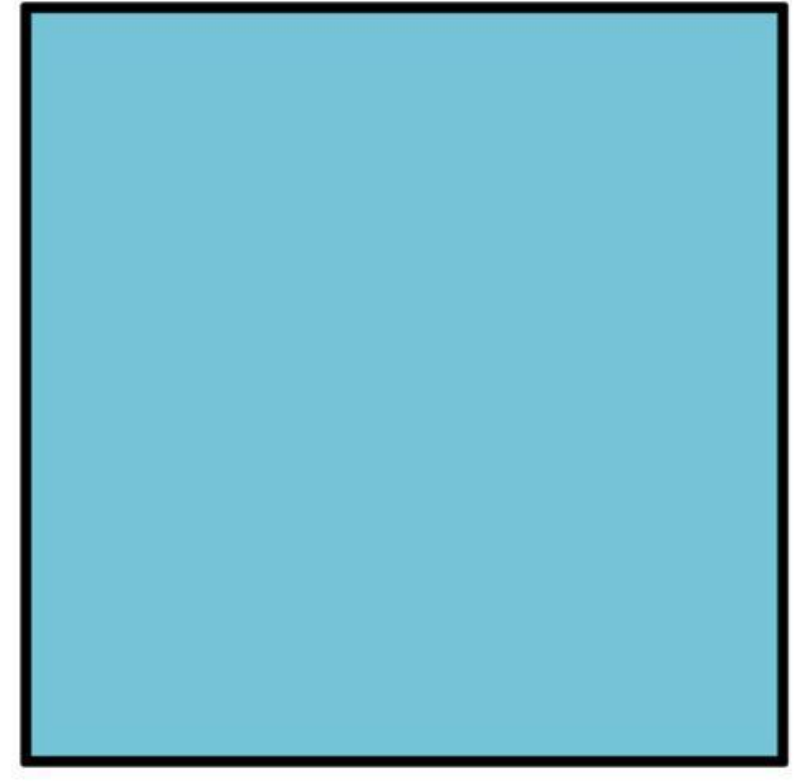# RECTANGLE

- **OPPOSITE SIDES PARALLEL**
- **OPPOSITE SIDES EQUAL**
- **ALL ANGLES RIGHT**
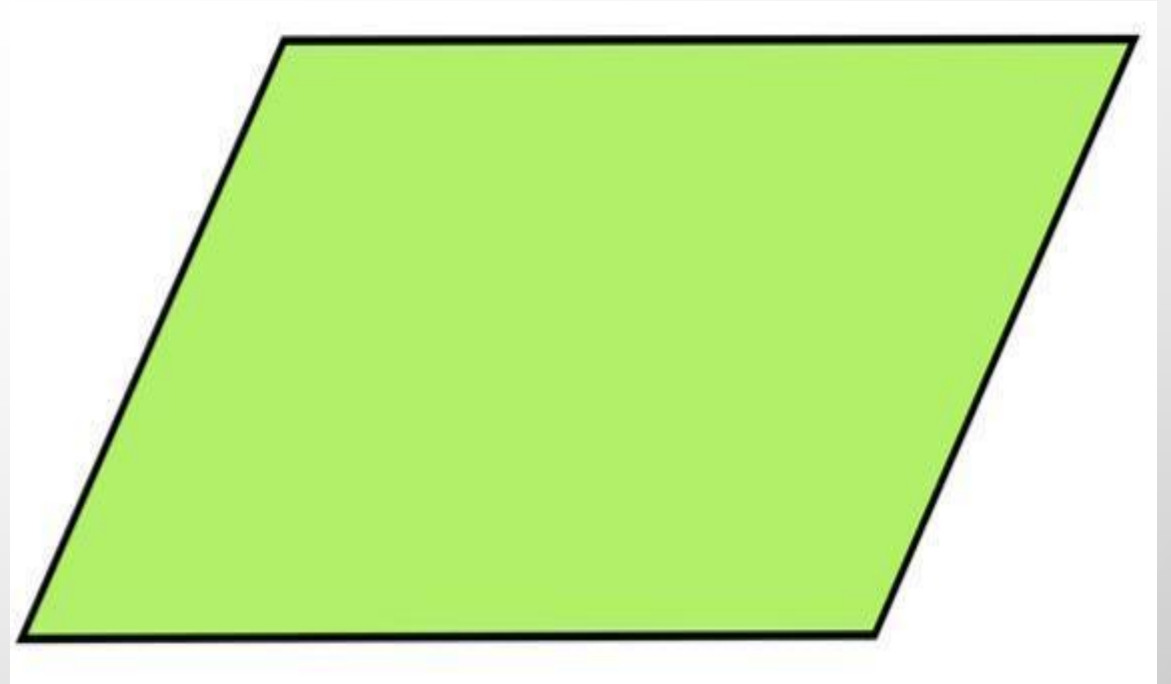- **DIAGONALS EQUAL**
- **DIAGOMALS BISECT EACH OTHER**

SQUARE

- **ALL SIDES EQUAL**

- **OPPOSITE SIDES PARALLEL**

- **ALL ANGLES RIGHT**

- **DIAGONALS EQUAL**

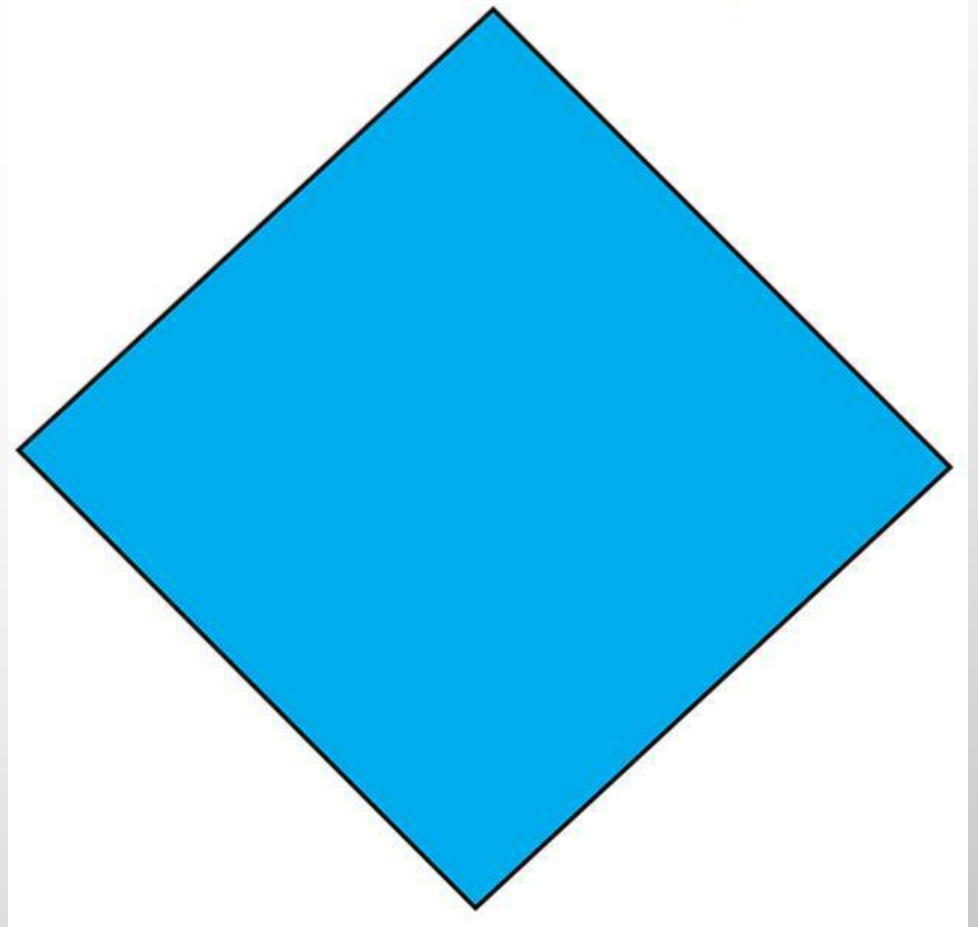- **DIAGONALS PERPENDICULAR BISECTORS OF EACH OTHER**

PARALLELOGRAM

- **OPPOSITE SIDES EQUAL**

- **OPPOSITE SIDES PARALLEL**

- **DIAGONALS BISECT EACH OTHER**

- **OPPOSITE ANGLES EQUAL**

- **SUM OF ANGLES ON THE SAME SIDE IS 180^0**

RHOMBUS

- **ALL SIDES EQUAL**

- **OPPOSITE SIDES PARALLEL**

- **DIAGONALS PERPENDICULAR BISECTORS OF EACH OTHER**

- **OPPOSITE ANGLES EQUAL**

- **SUM OF ANGLES ON SAME SIDE 180^0**

TRAPEZIUM

- ONLY ONE PAIR OF OPPOSITE SIDES PARALLEL

- SUM OF ANGLES ON EACH NON PARALLEL SIDES 180^0

ISOSCELES TRAPEZIUM

- ONLY ONE PAIR OF OPPOSITE SIDES PARALLEL

- NON PARALLEL SIDES EQUAL

- DIAGONALS EQUAL

- ANGLES ON EACH OF PARALLEL SIDES EQUAL

- ANGLES ON EACH OF JON PARALLEL SIDES 180^0