

Polygons and their Properties

All sides equal

Square, rhombus, equilateral triangle, regular:
pentagon, hexagon, heptagon, octagon, nonagon, decagon.

All angles equal

Square, rectangle, regular polygons, equilateral triangle

only 2 sides equal.

rectangle, kite, isosceles trapezoid, isosceles triangle

only 2 angles equal

kite, isosceles triangle, rhombus,
isosceles trapezoid

No equal sides and angles.

scalene triangle, irregular polygons, irregular quadrilateral,
trapezoid

All opposite sides parallel.

square, rectangle, rhombus, regular hexagon,
regular octagon, regular decagon

Only two sides parallel.

trapezoid, isosceles trapezoid,

Quadrilateral-4 sides.

square, rectangle, rhombus, kite, trapezoid, irregular
quadrilateral

Triangle 3 sides.

all triangles

Any right angles.

square, rectangle, right triangle