



Characteristics of Special Quadrilaterals

Parallelogram: both pairs of opposite sides are parallel

Rhombus: a Parallelogram with 4 \cong sides

Rectangle: a Parallelogram with 4 right angles

Square: a Parallelogram with 4 \cong sides and 4 right angles

Kite: a Quadrilateral with two pairs of adjacent sides that are congruent and no opposite sides congruent.

Trapezoid: a Quadrilateral with exactly one pair of parallel sides (bases)

Isosceles Trapezoid: a Trapezoid whose nonparallel sides are congruent (legs)

What is the best name for Quadrilateral ABCD?

A(15, -6)

B(24, 21)

C(-3, 30)

D(-12, 3)

	Slope	Distance $d = \sqrt{(x - x)^2 + (y - y)^2}$
AB		
BC		
CD		
DA		

What is the best name for Quadrilateral EFGH?

E(-24, 8)

F(8, 32)

G(36, 28)

H(-28, -20)

	Slope	Distance
EF		
FG		
GH		
HE		