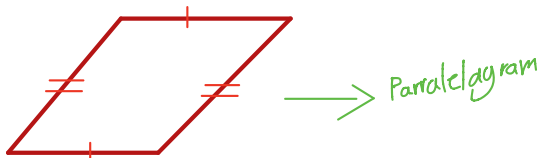
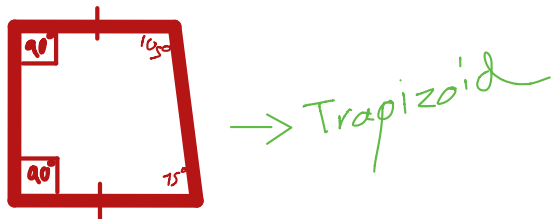


Classifying Quadrilaterals

1. What is this Quadrilateral?

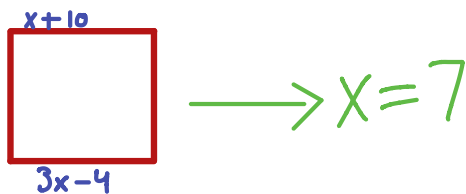


2. What is this Quadrilateral?

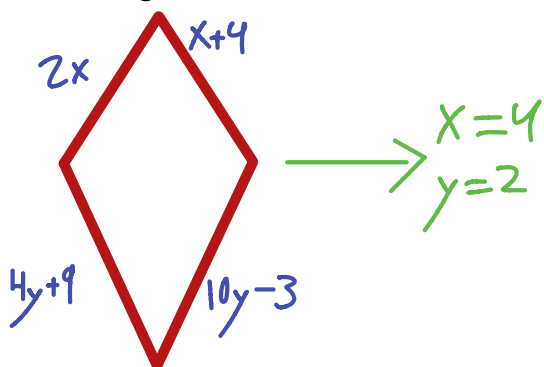


Using properties of quadrilaterals to solve problems

1. If the figure below is a square, what is x ?



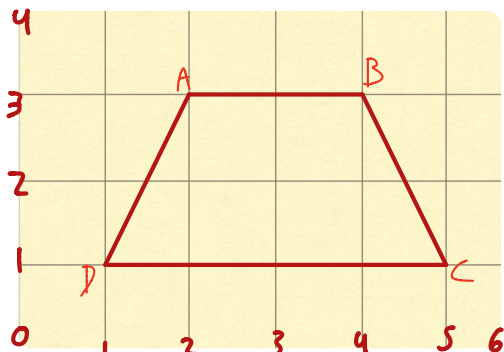
2. If the figure below is a kite, what is x , and what is y ?



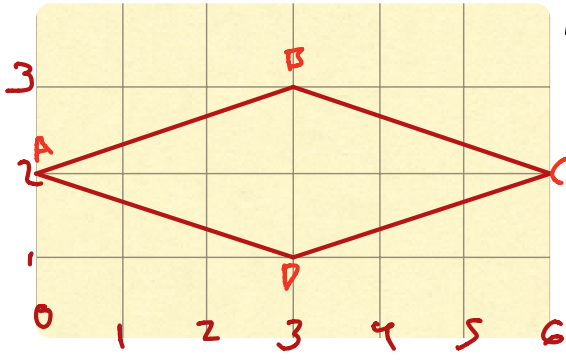
Use coordinate geometry to prove a classification

1. What is the quadrilateral?

The shape is a trapezoid. You can tell because sides AB and DC are parallel, and sides BC and AD are congruent.



2. How can you prove this shape is a rhombus



All sides are the same length
and opposite sides
are parallel