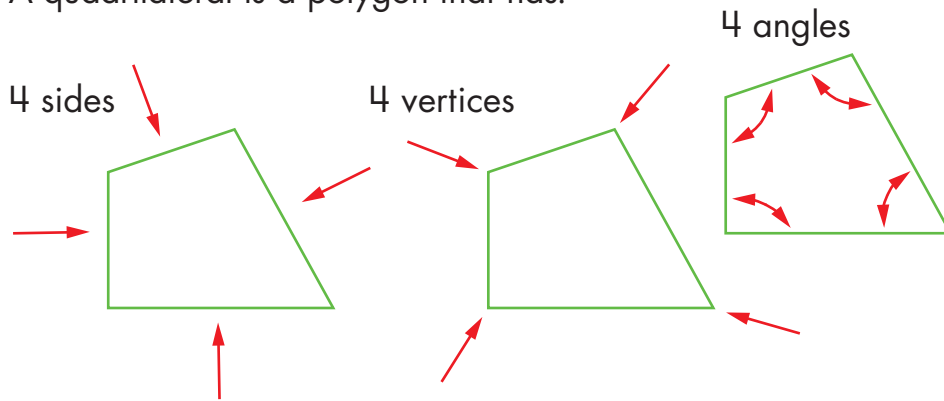


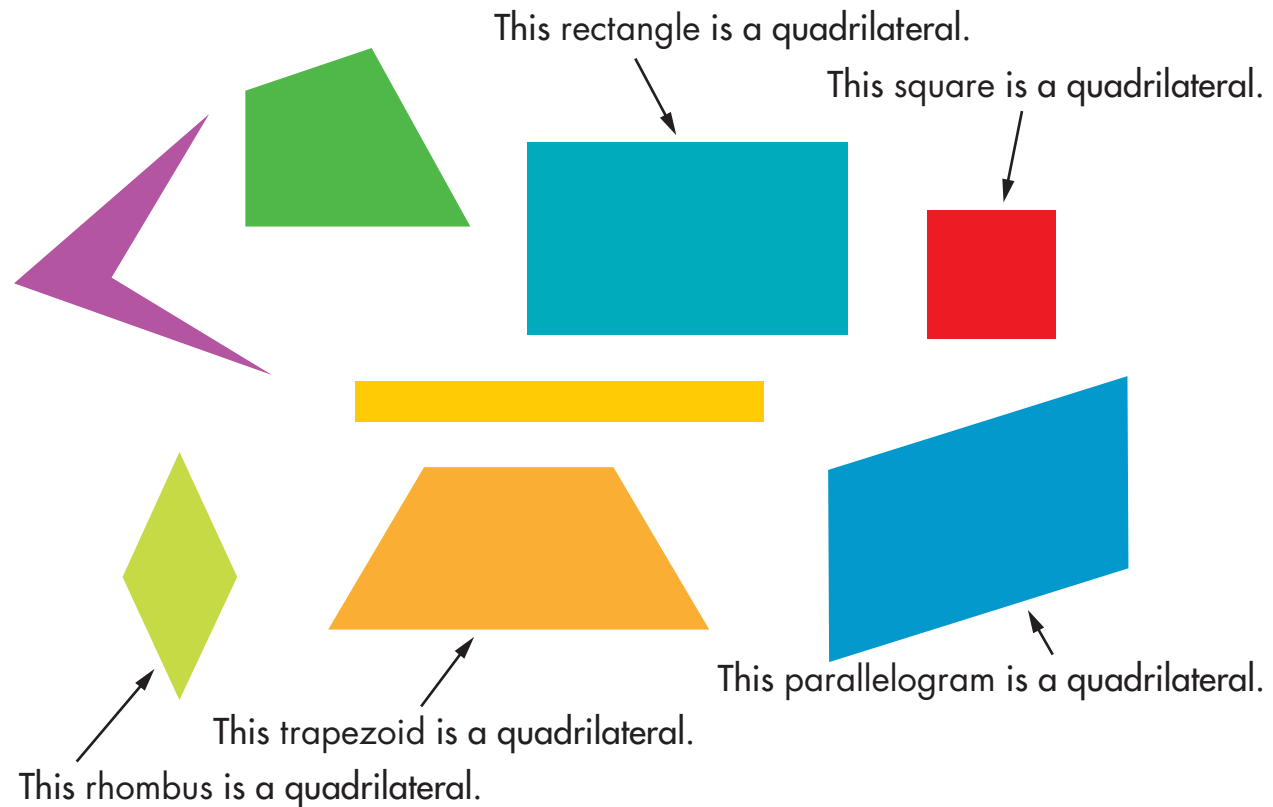
# Quadrilaterals (page 1 of 3)

Math Words  
• quadrilateral

A quadrilateral is a polygon that has:



All of these figures are quadrilaterals. Some quadrilaterals have special names.



Draw a polygon that is a quadrilateral.  
Draw a polygon that is not a quadrilateral.

# Quadrilaterals (page 2 of 3)

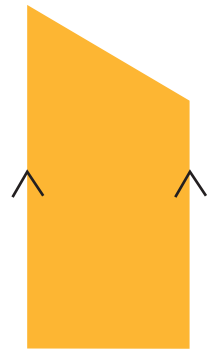
Parallel lines go in the same direction. They run equidistant from one another, like railroad tracks.



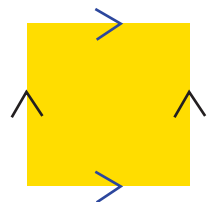
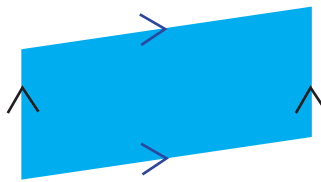
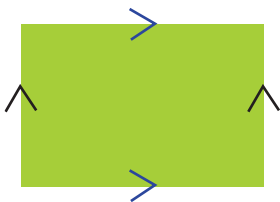
## Math Words

- parallel
- trapezoid
- parallelogram

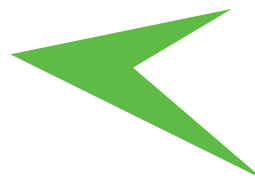
Quadrilaterals that have only 1 pair of parallel sides are called trapezoids. Both of these quadrilaterals are trapezoids.



Quadrilaterals that have 2 pairs of parallel sides are called parallelograms. All of these quadrilaterals are parallelograms.



Some quadrilaterals have no parallel sides.



You can use the *LogoPaths* software to draw parallelograms and other polygons.

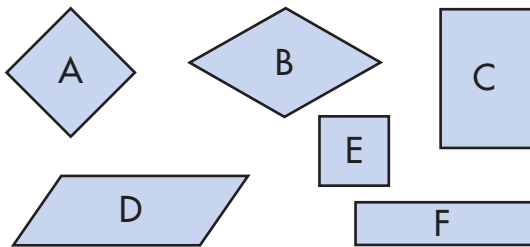
# Quadrilaterals (page 3 of 3)

- Math Words**
- parallelogram
  - rectangle
  - rhombus
  - square

Some quadrilaterals can be called many different names.

These shaded figures are parallelograms. Each has:

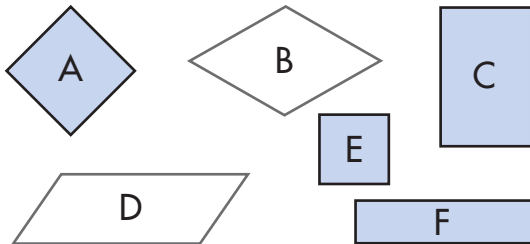
- 2 pairs of parallel sides



The shaded figures are rectangles. Each has:

Each has:

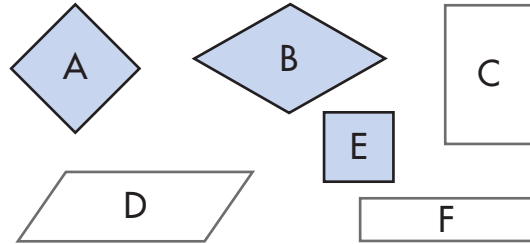
- 2 pairs of parallel sides
- 4 right angles



The shaded figures are rhombuses (rhombi). Each has:

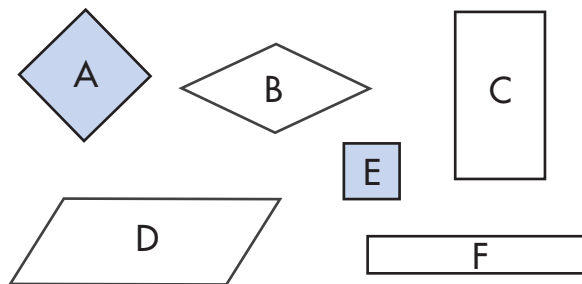
Each has:

- 2 pairs of parallel sides
- 4 equal sides



The shaded figures are squares. Each has:

- 2 pairs of parallel sides
- 4 equal sides
- 4 right angles



**What is the same about rectangles and squares?  
What is different about rectangles and squares?**