

## 2.1. Polygons and quadrilaterals

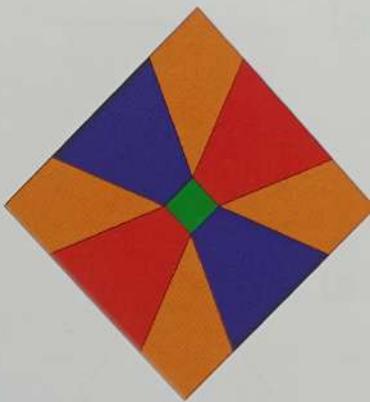
### Let's investigate

What can you see in the pattern below?

How many:

- squares?
- trapeziums?

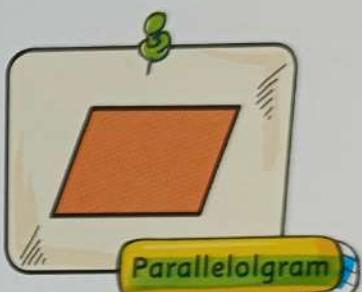
- kites?
- right-angles?



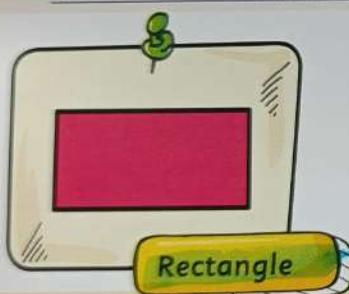
A closed 2D shape with three or more straight sides.



A polygon with exactly four sides.



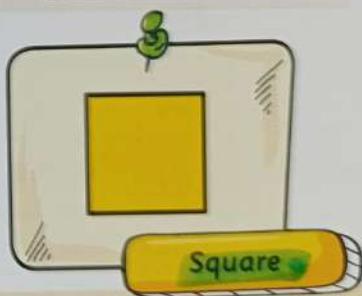
A quadrilateral. Both pairs of opposite sides are parallel.



A quadrilateral. Both pairs of opposite sides are parallel and all the angles are right angles.



A quadrilateral. Both pairs of opposite sides are parallel and all the sides are the same length.



A quadrilateral. Both pairs of opposite sides are parallel, all the sides are the same length and all the angles are right angles.



(Also known as a trapezoid)  
A quadrilateral. One pair of opposite sides is parallel.



A quadrilateral. Two pairs of adjacent sides are the same length.