

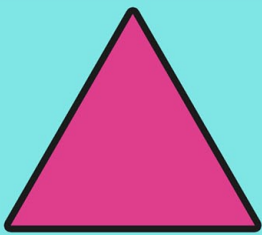
Polygons

A polygon is a shape with **straight** sides.

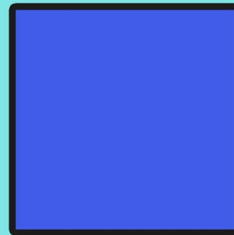
If all the sides are the same length, the shape is **regular**.

If they are not the same length, it is **irregular**.

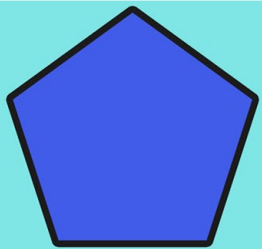
Regular shapes have equal sides **and** equal angles.



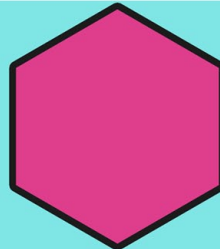
3 equal sides
3 equal angles
regular triangle



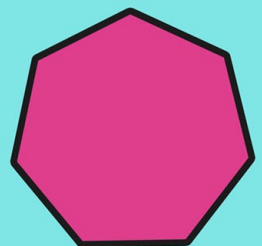
4 equal sides
4 equal angles
regular
quadrilateral



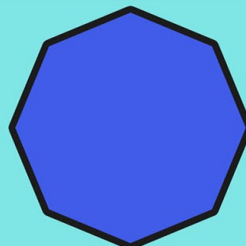
5 equal sides
5 equal angles
regular pentagon



6 equal sides
6 equal angles
regular hexagon



7 equal sides
7 equal angles
regular heptagon



8 equal sides
8 equal angles
regular octagon