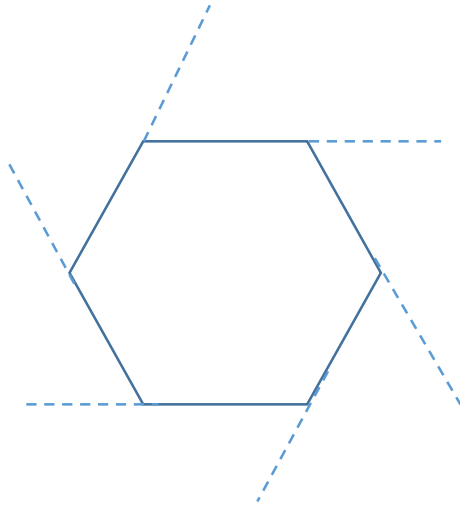
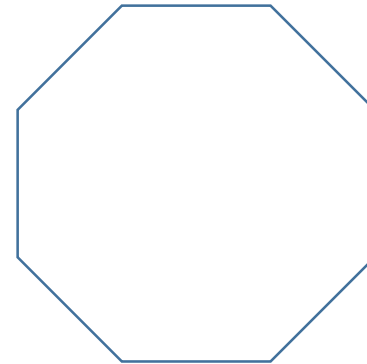


1 Here is a regular hexagon



- Mark on all of the exterior angles of the regular hexagon.
- What is the sum of all the exterior angles of the shape?
- What is the size of each exterior angle of a regular hexagon?

2 Work out the size of each exterior angle of a regular octagon?



- The exterior angle of a regular polygon is 36° . How many sides does the shape have?
- The exterior angle of another regular polygon is 72° . What is the name of the polygon?

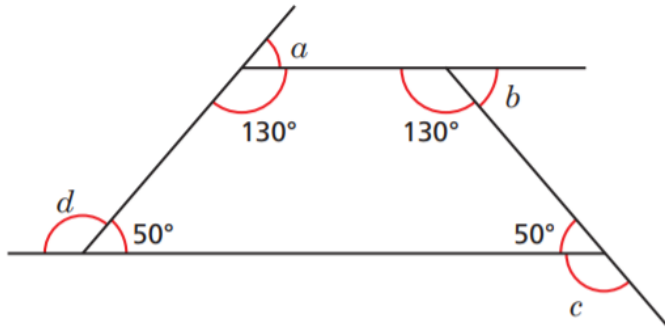
Summer Term Maths Year 10

Exterior Angles

Day 4

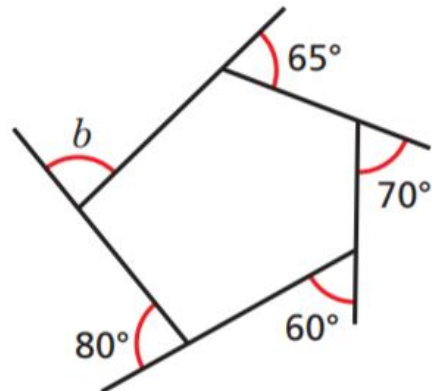
Week 3

- 4 Work out the size of the missing angles. Then work out the sum of those angles.

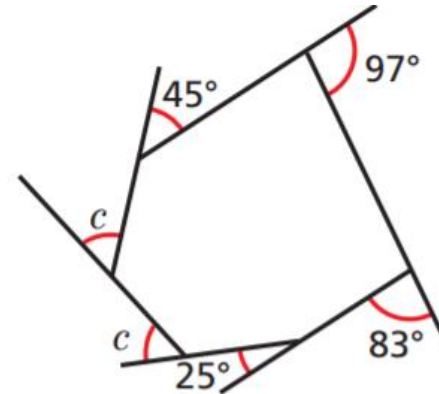


What do you notice?

- 5 Find the size of the angle marked b .



- 6 Find the size of the angle c



7

One of the exterior angles of my polygon is 100° .



How do you know Tommy's shape is not a regular polygon?