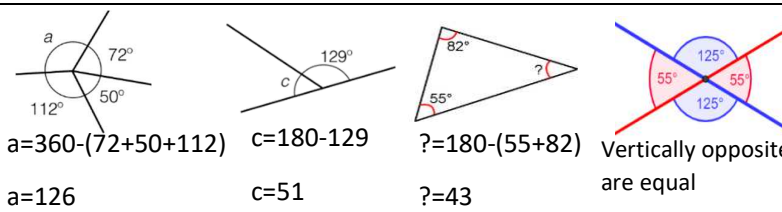
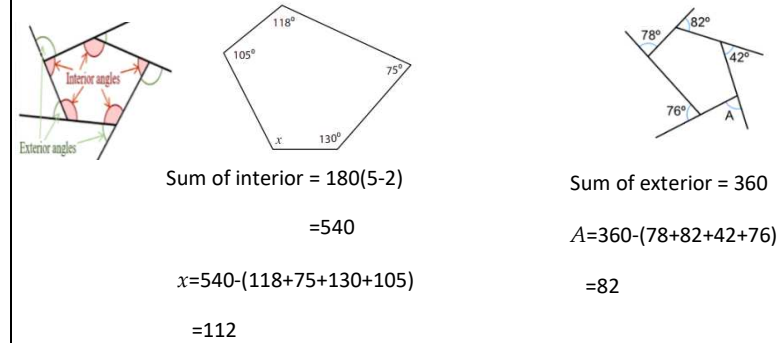
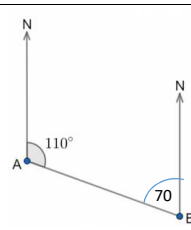


KNOWLEDGE ORGANISER – YEAR 7 TERM 5

	Topic	Information	Examples	Hegarty Clip
1	Fibonacci type sequences	A sequence where the next number is found by adding up the previous two terms	An example of a Fibonacci-type sequence is: 4, 7, 11, 18, 29 ...	263
2	Angle rules	<ul style="list-style-type: none"> Angles around a point sum to 360° Angles on a straight line sum to 180° Angles in a triangle sum to 180° When 2 straight lines cross, vertically opposite angles are equal 		812-814 477-478 485-487 480
3	Angles in polygons	<ul style="list-style-type: none"> A regular polygon has equal angles and equal sides The interior angle and exterior angle at a vertex add up to 180° For a polygon with n sides, the sum of the interior angles = $180(n-2)$ The exterior angles of a polygon sum to 360° In a regular polygon with n sides the size of each exterior angle is given by $\frac{360}{n}$ 		560-564
4	Bearings	Bearings are always: <ul style="list-style-type: none"> Measured from the North Measured in a clockwise direction Measured at the place you are going <u>from</u> Given as 3 figure bearings 	 <p style="text-align: center;">The bearing of B <u>from</u> A is 110°</p> <p style="text-align: center;">The bearing of A <u>from</u> B is 290°</p>	492-493