Year 6

Wednesday 29th April 2020

Maths



LO: angles in regular polygons.

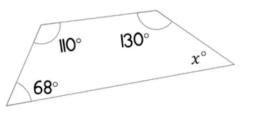
<u>A video of the lesson is available here.</u> <u>Summer Term - Week 2 - Lesson 2</u>

This link will only work on the PDF or link above this power point.

Year 6 | Week 4 | Day 2



I) Work out the missing angle.





- 3) What fraction of the fruits are cherries?
- 4) Write down the factors of 20

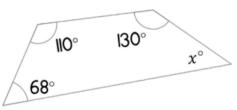
Riddle of the Day:

You go at red, but stop at green. What am I?

Year 6 | Week 4 | Day 2



I) Work out the missing angle.





- 2) True or False: Vertically opposite angles are equal. True
- 3) What fraction of the fruits are cherries? $\frac{2}{5}$
- 4) Write down the factors of 20 1, 2, 4, 5, 10 and 20

Riddle of the Day: Watermelon! You eat the red part, and you stop eating at the green part.



Independent work

Independent work continues on the following slide.

There are questions 1-3 and 2 extension questions.

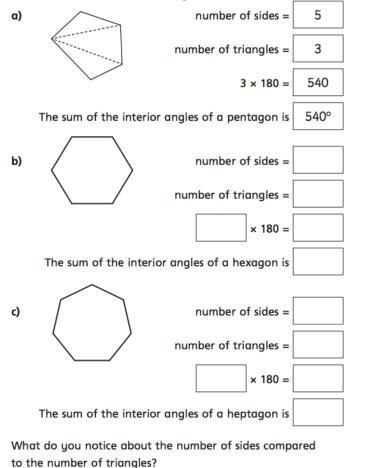


Angles in regular polygons

The sum of the interior angles of a triangle is 180°.

Split the polygons into triangles to work out the sum of their interior angles. Your lines should not overlap.

The first one has been done for you.



2

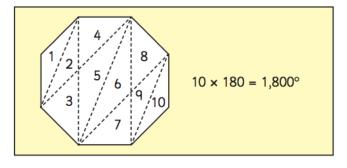
3

White Rose Maths

Complete the table.

Shape	Number of sides	Number of triangles	Sum of interior angles
quadrilateral	4	2	360°
pentagon			
nonagon			
decagon			
	6		

Dani is working out the sum of the interior angles of a polygon. Here are her workings.



Do you agree with Dani? _____

Explain your answer.

