Canonbury Home Learning

Year 6 Maths

Developing/ Expected/ Greater depth activity

Lesson 4

LO: TBAT identify the different measurements of a circle and angles in a triangle.

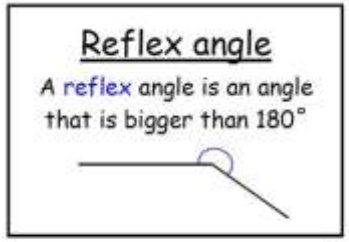
Task: You are going apply your knowledge to solve several problems including circles and triangles.

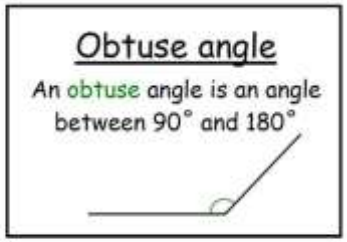
Success Criteria:

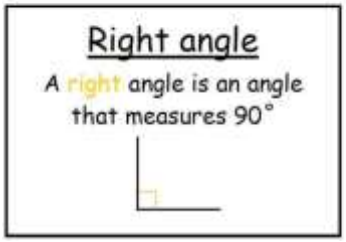
1. **Read the question.**
2. **Identify the angle or measurement you need to find.**
3. **Use the information provided to find the missing angle or measurement.**

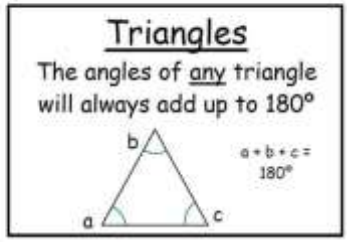
Recap:

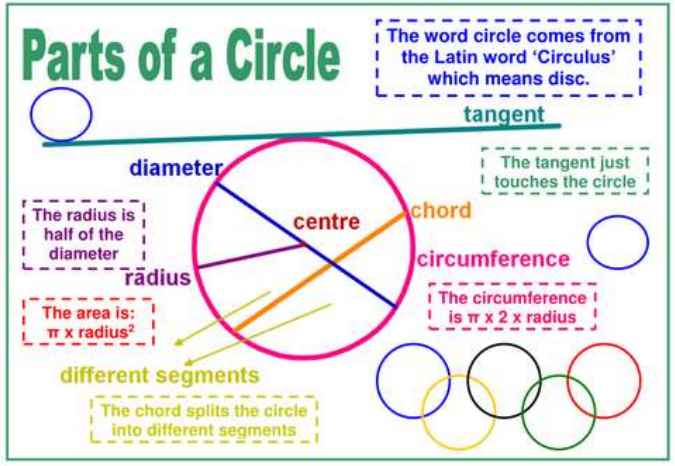
Please watch my model video.

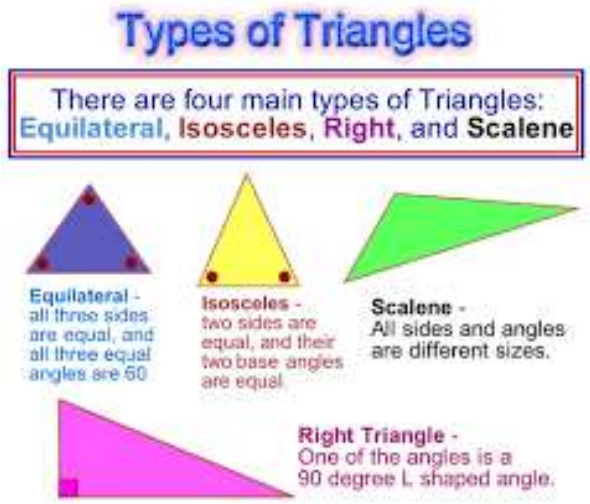












Canonbury Home Learning

Year 6 Maths

Main activity

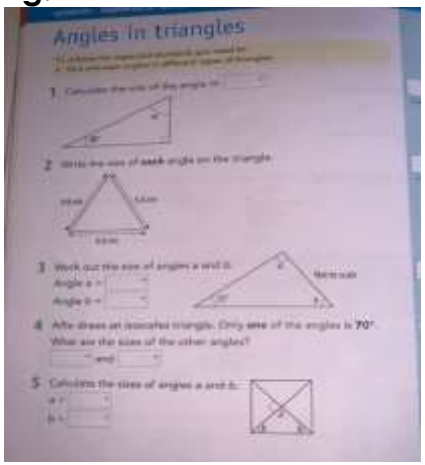
Complete at least 2 columns, more if you can!

Task 1

SATs Book Activities

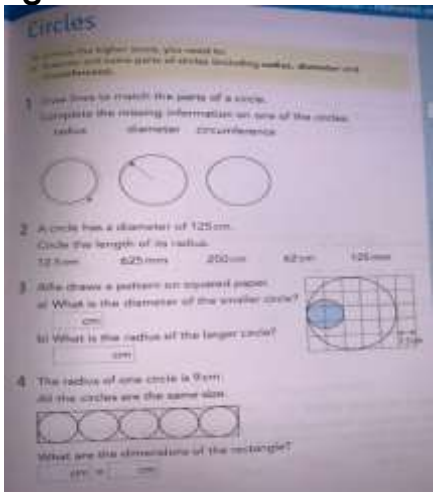
Developing/ Expected

Pg.



Greater Depth

Pg.



Task 2

Arithmetic

15	$3^3 =$
16	$2\frac{2}{9} \div 3\frac{5}{9} =$
17	$12.05 \div 100 =$
18	$0.06 \times 7 =$
19	$\frac{5}{6} = \frac{20}{?}$
20	$9.07 \times 5 =$
21	$\times \begin{array}{r} 409 \\ 45 \end{array}$

Task 3

Problem Solving/ Reasoning

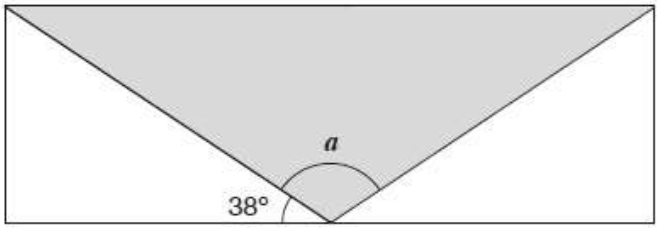
Task 1

Layla completes one-and-a-half somersaults in a dive.

How many **degrees** does Layla turn through in her dive?

Task 2

A shaded **isosceles** triangle is drawn inside a rectangle.



Not to scale

Calculate the size of angle a.

Task 3

Kirsty says,

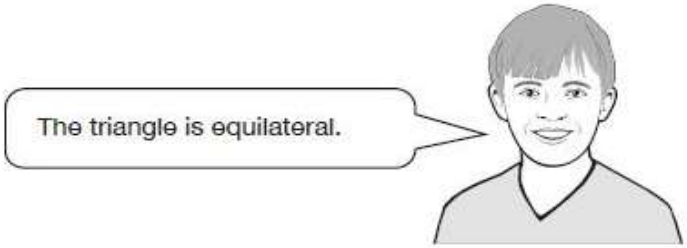
When you double the size of an acute angle, you always get an obtuse angle.

Explain why Kirsty is **not** correct.

Task 4

Two of the angles in a triangle are 70° and 40°

Jack says,



Explain why Jack is **not** correct.