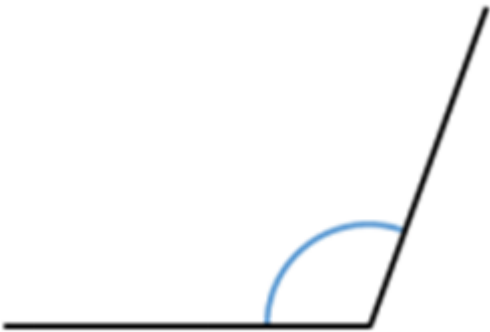# Home Learning   Monday 15th June 2020   Maths

L.O: I am learning to consolidate my knowledge of angles and shapes
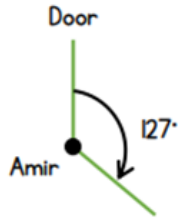
Today you will review all your learning on angles and shapes. We will cover acute, obtuse and right angles; angles on a straight line and around a point. We will revise regular and irregular polygons, along with 2-D and 3-D shapes.

Answer **all** the questions on this sheet, in the answer section. There are no challenges today. If you wish to self-mark, answers are provided but still turn the completed work in so that the teacher can review and comment on your work.

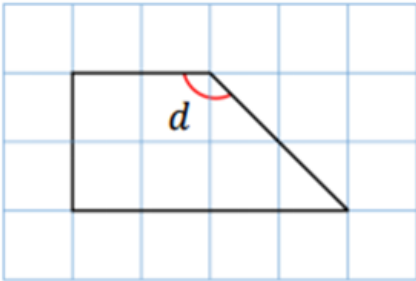| Question	Answer

1. Look at the angle below. Is it ;
  ● Acute?
  ● Obtuse?
  ● A right angle?
 	
Explain the thinking behind your answer	

2. Complete the sentences. There are _____ ° in a right angle. Angles on a straight line add up to _____°	

3.

Amir is facing a door.

He turns 127° clockwise.

Door

127°

Amir

How many more degrees clockwise will he need to turn before he faces the door again?

4.

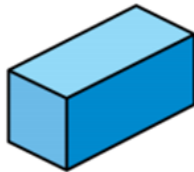Calculate the size of angle d in this shape.

Do not use a protractor.

d

5.

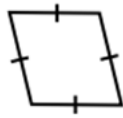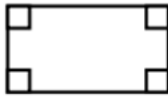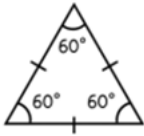Complete the sentences.

A cuboid has _____ faces.

A cuboid has _____ edges.

A cuboid has _____ vertices.

6.

For each shape, state whether it is regular or irregular.

7.

Use the compass to complete the sentences.
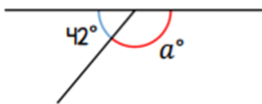

The angle from East to South is a right angle.

The angle from North to_____ is an acute angle.
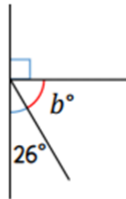
The angle from_____to South-West is a reflex angle.

8.

Calculate the size of angles a and b.

$a = $ _____ °

$b = $ _____ °

Circle how confident you feel with properties of shape.

1	2	3	4	5
Not confident				Very confident