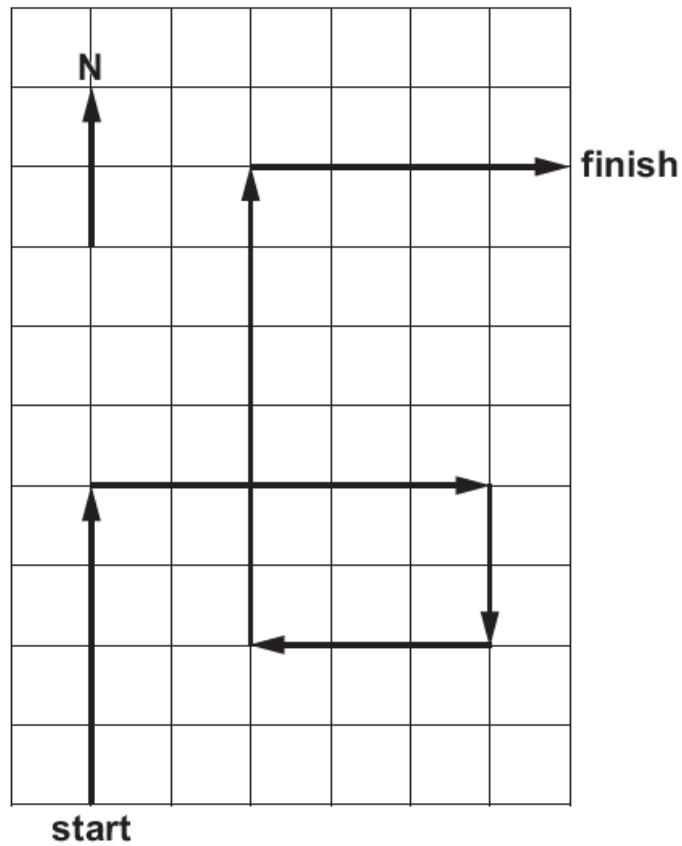


Shapes and Angles – Checkpoint Primary Math

1.

A robot follows instructions to draw this pattern.



Complete the instructions for the robot.

North 4

North 6

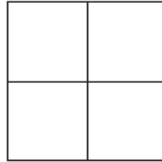
[2]

2.

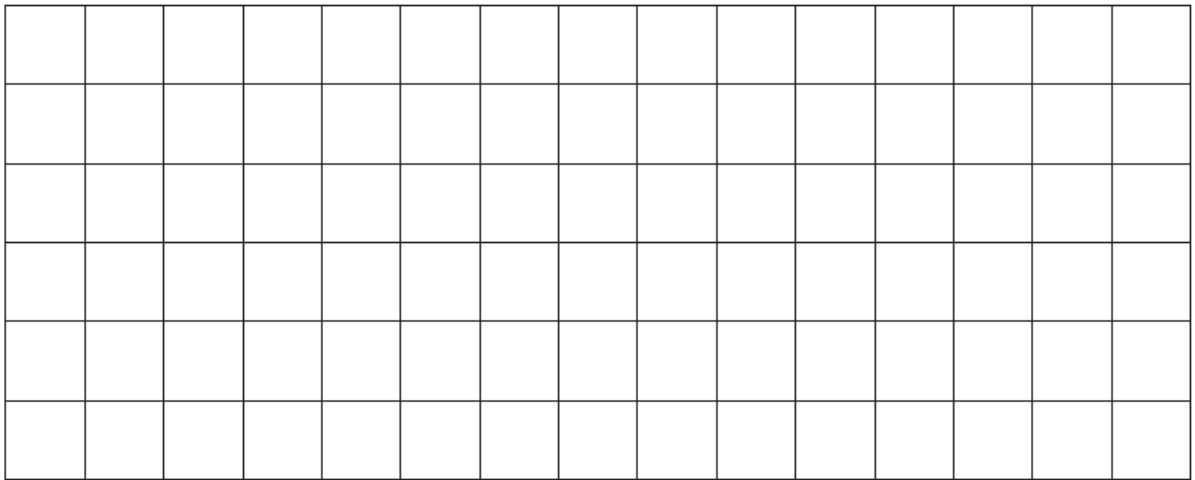
Here is a quarter of a shape.



Ahmed says, 'The **only** whole shape I can make is a larger square like this.'



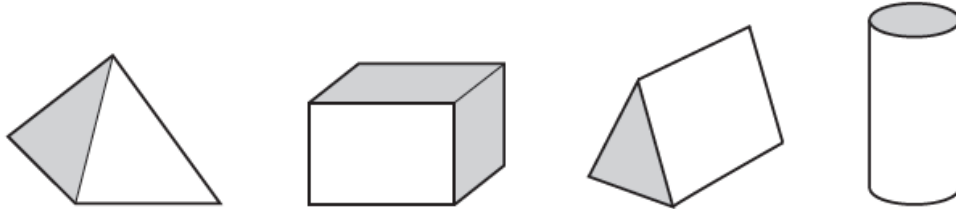
Draw two **different** shapes on the grid to convince Ahmed that he is **not** correct.



[1]

3.

Here are pictures of four shapes.



Draw a ring around **one** shape that is different from all the other shapes.

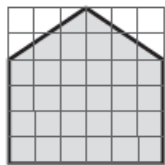
Write **one** characteristic that makes this shape different.

.....

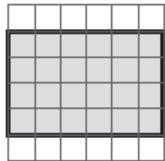
[1]

4.

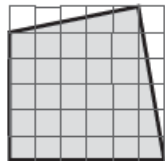
Draw a line to match each shape to the correct statement.
One has been done for you.



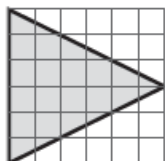
no lines of symmetry



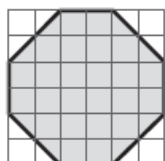
one vertical line of symmetry



one horizontal line of symmetry



horizontal **and** vertical lines of symmetry



[2]

5.

Here is a rectangle.



Measure the perimeter of the rectangle to the nearest whole centimetre.
Use a ruler.

..... cm [1]

6.

Here are the names of five 3D shapes.

sphere

prism

cuboid

cylinder

pyramid

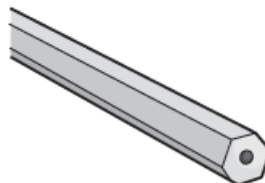
Use one of the names to describe each picture.



.....



.....



.....

[1]

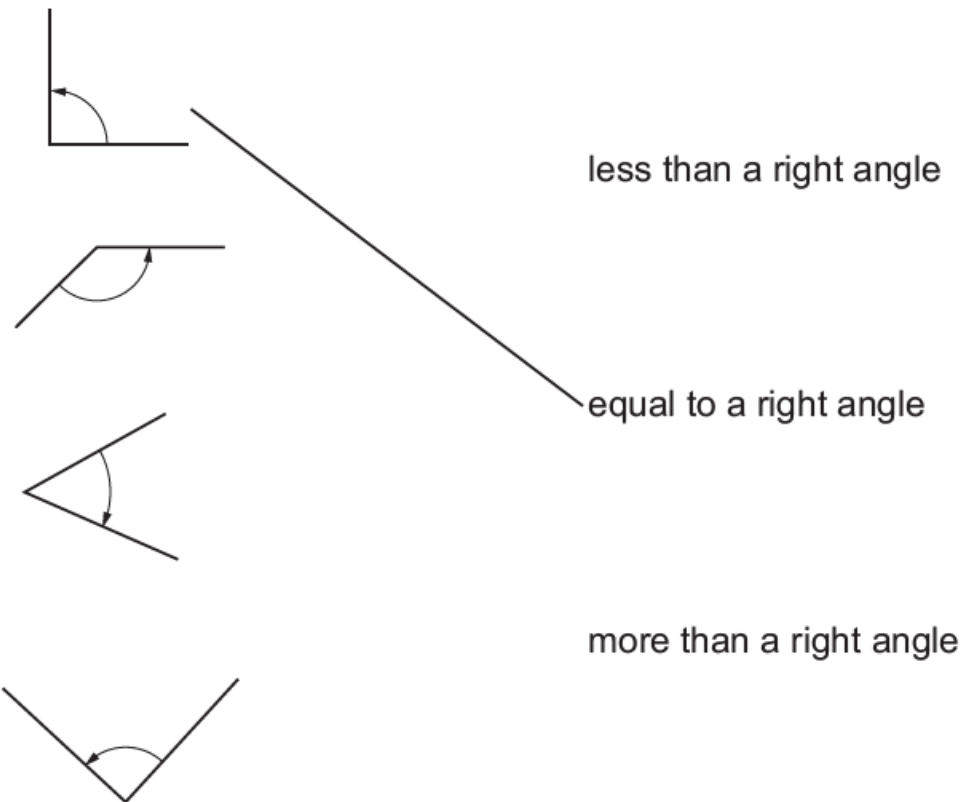
7.

Sketch the reflection of the shape in the mirror line.



8.

Draw a line to match each angle to the correct description.
One has been done for you.



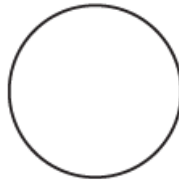
[1]

9.

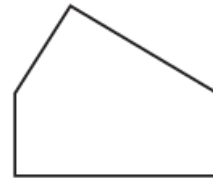
Here are six shapes.



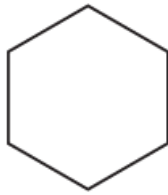
rectangle



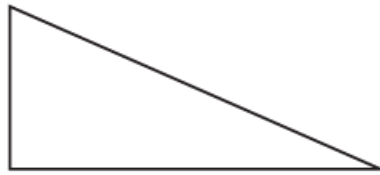
circle



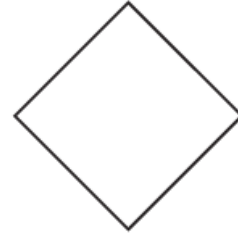
pentagon



regular hexagon



triangle



square

Write the name of each shape in the correct place in the Carroll diagram.

	Has a line of symmetry	Does not have a line of symmetry
Has 4 or more vertices		
Does not have 4 or more vertices		

[2]