

Angles

PS Problem-solving questions

Challenge 1

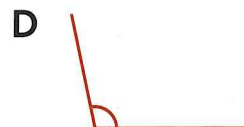
1 Write the number of angles in each shape.

a) Rectangle

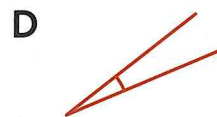
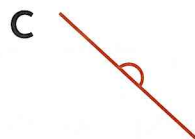
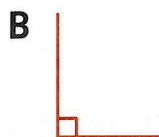
b) Hexagon

c) Kite

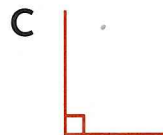
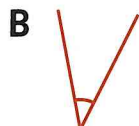
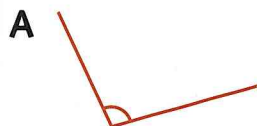
2 Tick the acute angle.



3 Tick the obtuse angle.



4 Tick the largest angle.



3 marks



1 mark



1 mark

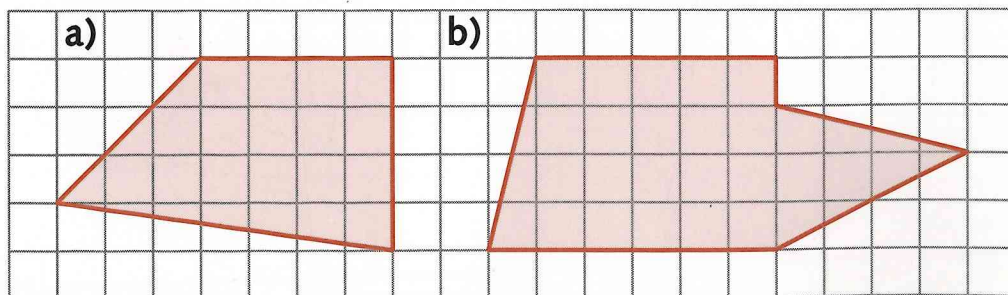


1 mark

Marks..... /6

Challenge 2

1 Here are two shapes drawn on a squared grid. Tick the acute angles in each shape.

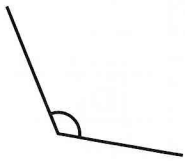


2 marks

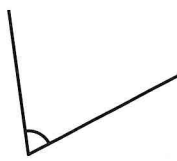
Angles

2 Write the letters of these angles in order of size, smallest first.

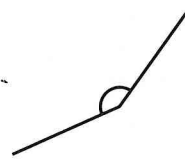
A



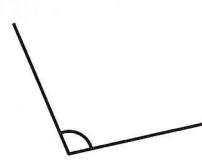
B



C



D





1 mark

3 Write these angles in order of size, starting with the largest.

right

obtuse

acute



1 mark

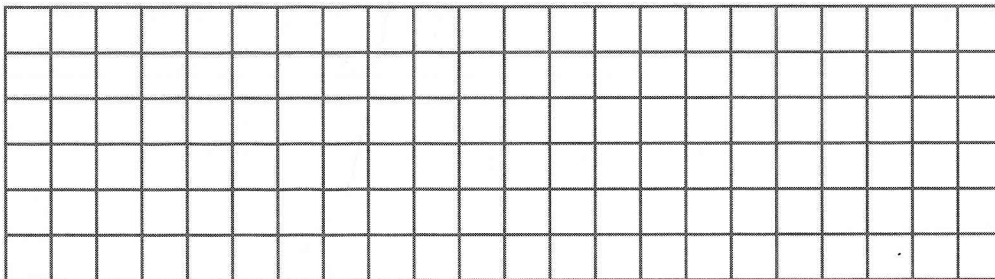
Marks..... /4

Challenge 3

1 Below is a squared grid.

a) Draw a five-sided shape with three obtuse angles.

b) Draw a four-sided shape with three acute angles.



2 marks

2 Caroline says, "Any 2-D shape can have two right angles." Is Caroline correct? Give a reason for your answer.



1 mark

Marks..... /3

Total marks /13

How am I doing?

