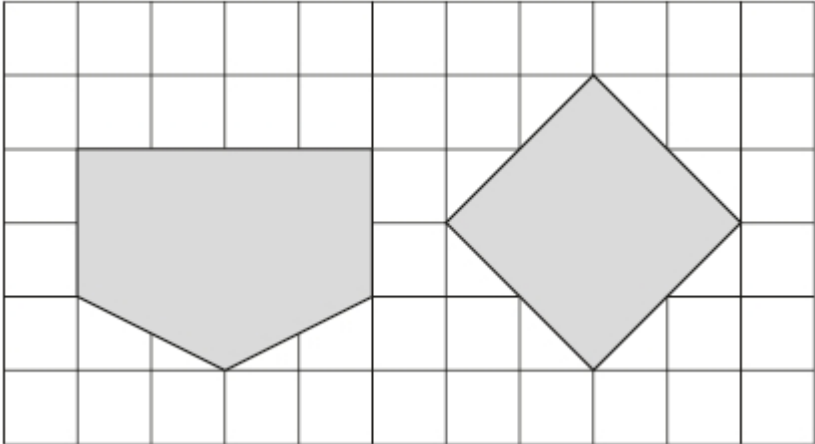


1

Here are two shapes on a square grid.

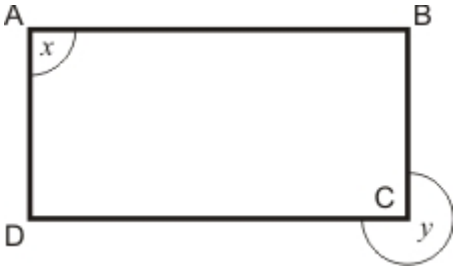
For each shape, write how many **right angles** it has.



1 mark

2

ABCD is a rectangle.



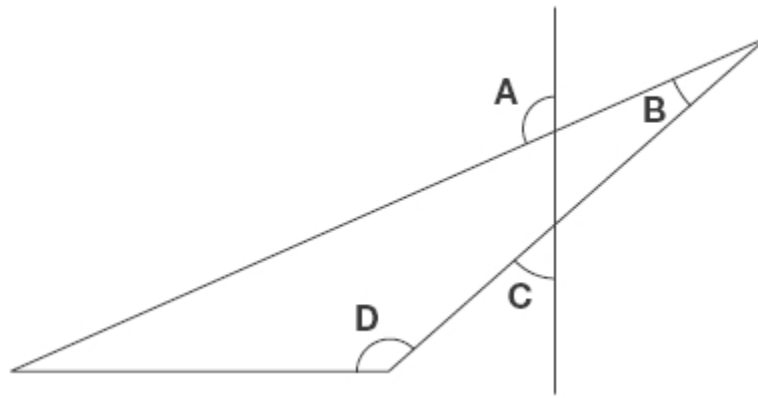
What are the values of the missing angles?

$x =$ °

$y =$ °

2 marks

3 This diagram has four angles marked **A**, **B**, **C** and **D**.

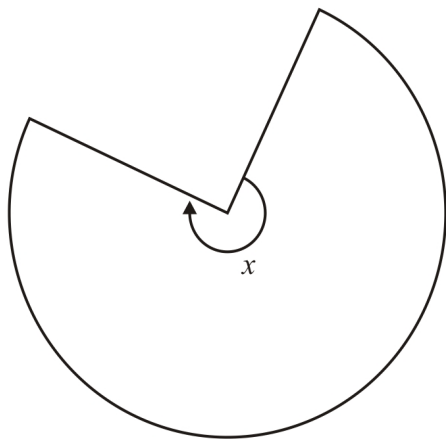


Write the letters of the angles that are **obtuse** angles.

.....

1 mark

4 This shape is **three-quarters of a circle**.



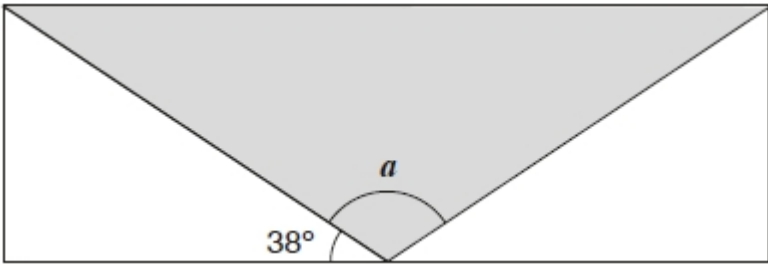
How many degrees is **angle x**?

.....

1 mark

5

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



Not to scale

Calculate the size of angle *a*.

Show your method

a is °

2 marks

Mark schemes

1	2 AND 4	<i>Accept alternative unambiguous indications, eg right angles marked on diagrams.</i>			[1]
2	90°		1		
	270°		1		[2]
3	A AND D	<i>Letters may be given in either order.</i>			[1]
4	270°				[1]
5	Award TWO marks for the correct answer of 104°. If the answer is incorrect, award ONE mark for evidence of an appropriate method, e.g:				
	<ul style="list-style-type: none">180 – 38 – 38 = a	<i>Answer need not be obtained for the award of ONE mark.</i>			
			Up to 2		[2]