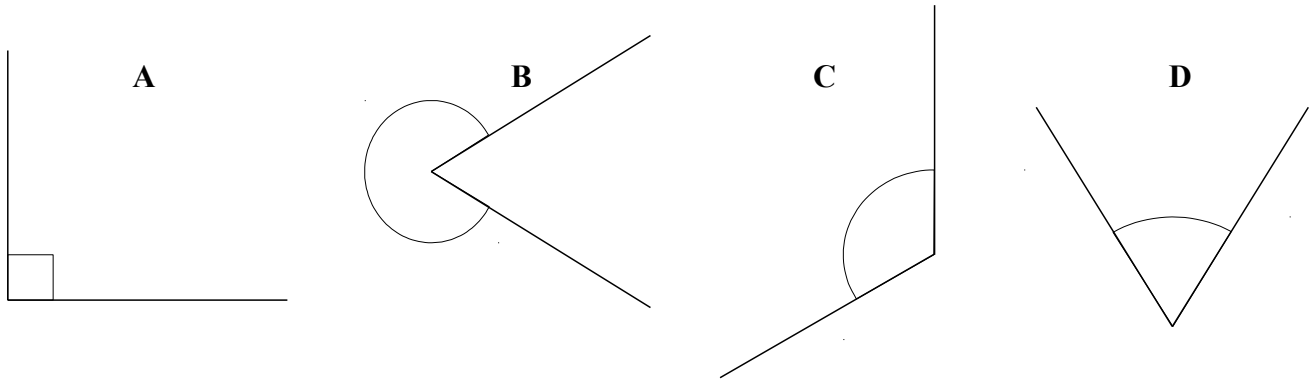
1 Here are four angles A, B , C and D.



(a) Measure the size of angle C.

..... °

(b) Match the angle mathematical name to the angle.

Mathematical Name	Angle
Acute Angle	
Obtuse Angle	
Right Angle	
Reflex Angle	

(Total for question 7 is 3 marks)

2 In the space below draw an angle of 60°
Label the angle *A*.

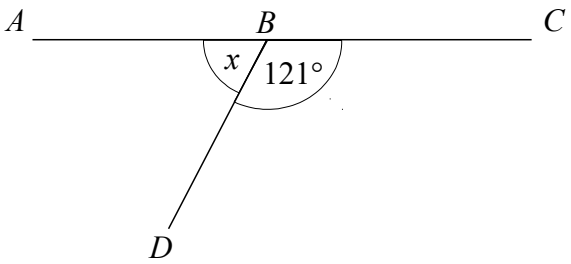
(Total for question 2 is 1 mark)

3 In the space below draw an angle of 110°
Label the angle *B*.

(Total for question 3 is 1 mark)

Diagrams are NOT accurately drawn, unless otherwise indicated.

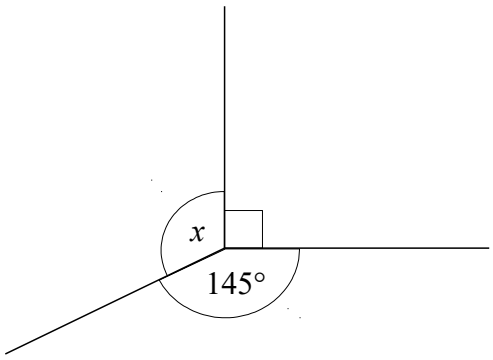
4 *ABC* is a straight line. Work out the size of the angle marked *x*.



.....°

(Total for question 4 is 2 marks)

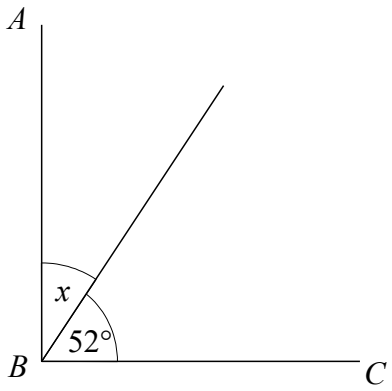
5 Work out the size of the angle marked *x*.



.....°

(Total for question 5 is 2 marks)

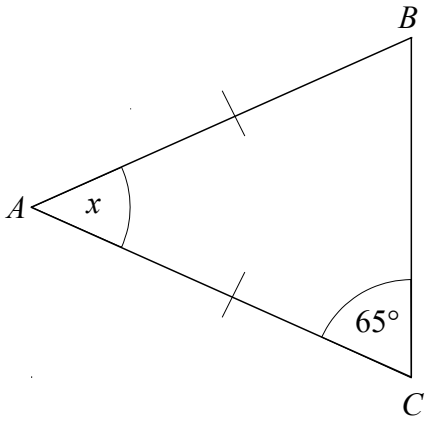
6 *AB* and *BC* are perpendicular lines. Work out the size of the angle marked *x*.



.....°

(Total for question 6 is 2 marks)

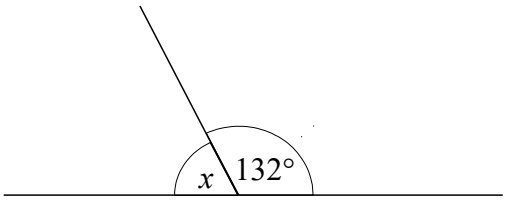
7 *ABC* is an isosceles triangle Work out the size of the angle marked *x*.



.....°

(Total for question 7 is 2 marks)

8



(a) Work out the size of the angle marked x.

.....°

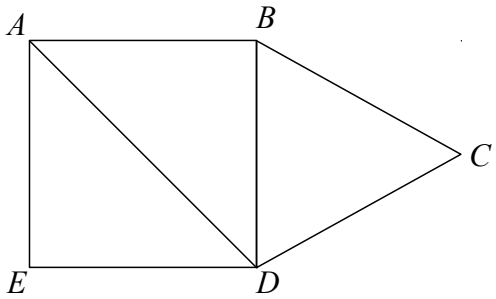
(b) Give a reason for your answer.

.....

.....

(Total for question 8 is 2 marks)

9 The diagram shows a square $ABDE$ and an equilateral triangle BCD.



(a) Write down the size of angle ABD

.....°

(b) Write down the size of angle BCD

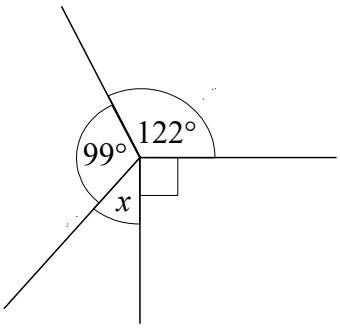
.....°

(c) Find the size of angle ADC

.....°

(Total for question 9 is 4 marks)

10



(a) Work out the size of the angle marked x.

.....°

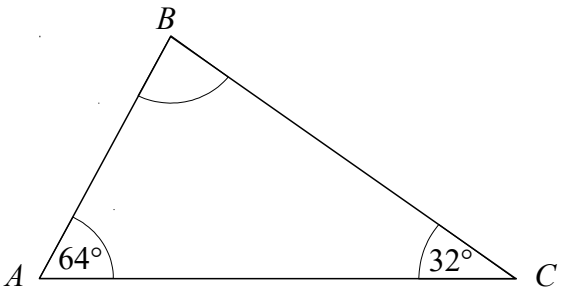
(b) Give a reason for your answer.

.....

.....

(Total for question 10 is 2 marks)

11



(a) Work out the size of the angle ABC.

.....°

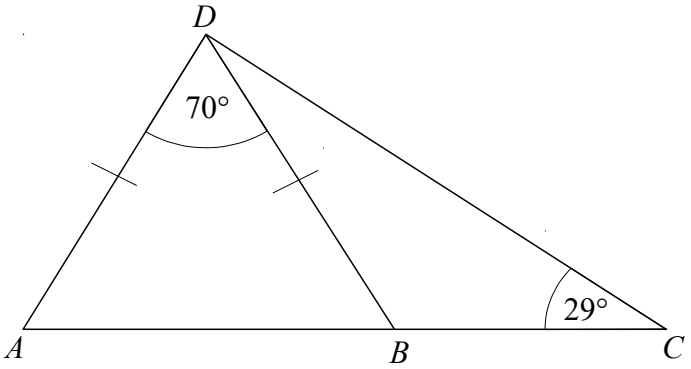
(b) Give a reason for your answer.

.....

.....

(Total for question 11 is 2 marks)

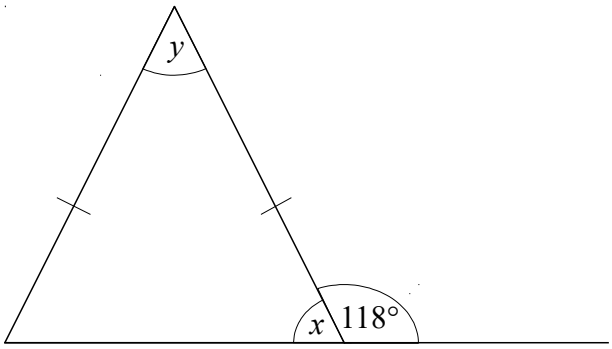
12 *ABC* is a straight line. Work out the size of the angle *BDC*.



.....°

(Total for question 12 is 4 marks)

13



(a) Work out the size of the angle marked *x*.

.....°

(b) Work out the size of the angle marked *y*.

.....°

(c) Give reasons for your answer.

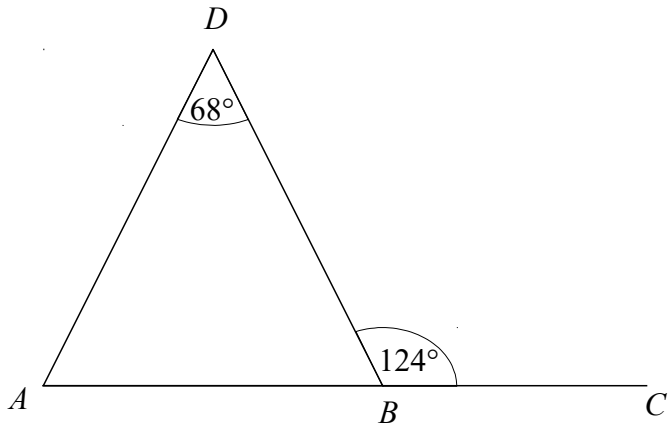
.....

.....

.....

(Total for question 13 is 3 marks)

14 *ABC* is a straight line.



Show that *ABD* is an isosceles triangle

(Total for question 14 is 4 marks)