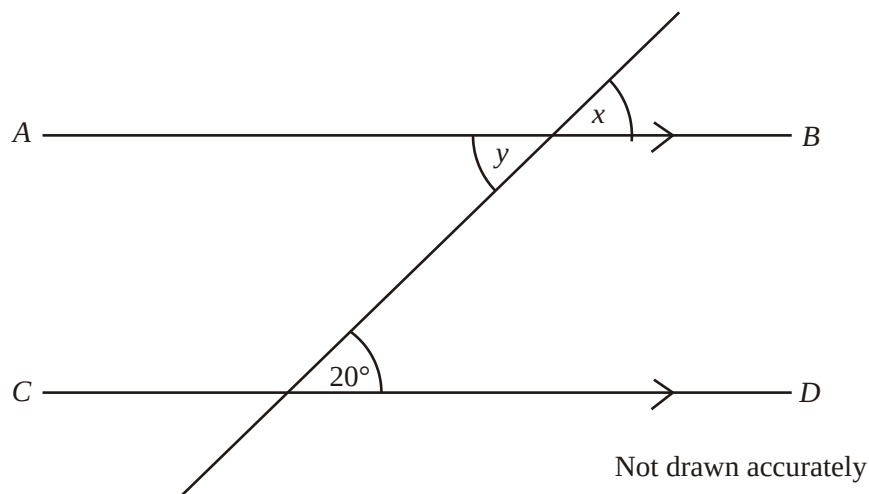


1. The lines AB and CD are parallel.



- (a) State the value of x .
Give a reason for your answer.

Answer $x = \dots\dots\dots$ degrees

Reason

(2)

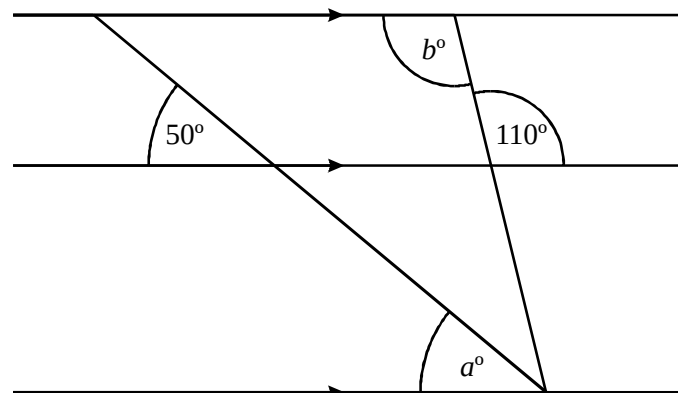
- (b) Write down the value of y .

Answer $y = \dots\dots\dots$ degrees

(1)

(Total 3 marks)

2. Write down the values of a and b .



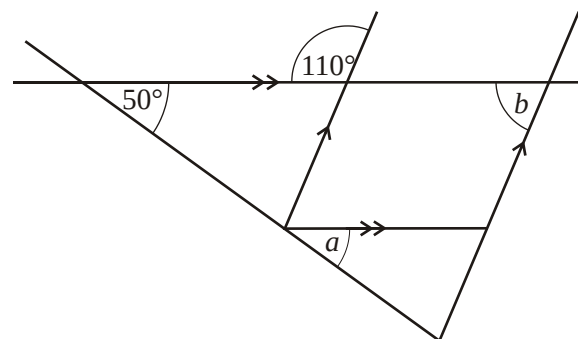
Not drawn accurately

Answer $a = \dots\dots\dots$ degrees, $b = \dots\dots\dots$

degrees

(Total 2 marks)

3. Write down the values of a and b .

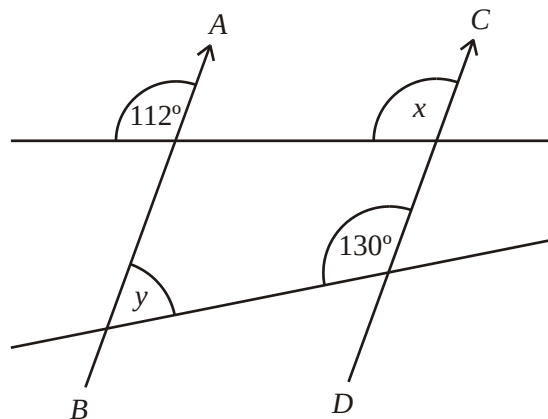


Not drawn accurately

Answer $a = \dots\dots\dots$ degrees, $b = \dots\dots\dots$ degrees

(Total 2 marks)

4. In the diagram, AB is parallel to CD .



Not drawn accurately

- (a) State the value of x .
Give a reason for your answer.

Answer degrees

Reason

(2)

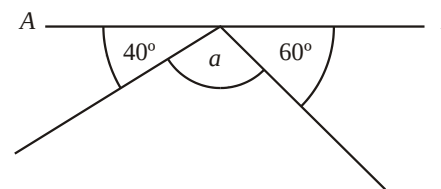
- (b) Find the value of y

Answer degrees

(2)

(Total 4 marks)

5. (a) The diagram shows three angles on a straight line AB .



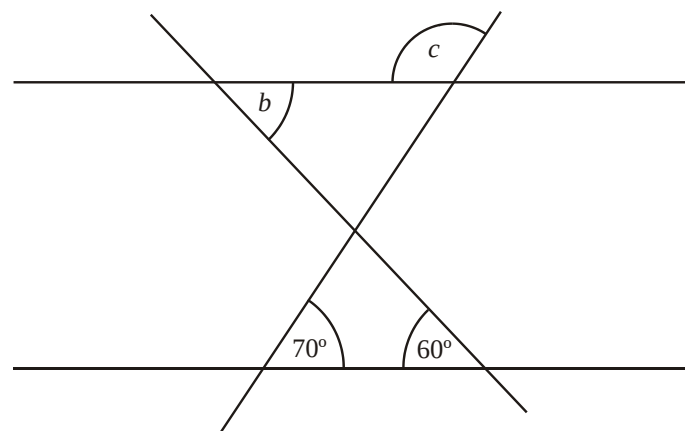
Not drawn accurately

Work out the value of a .

Answer $a =$ degrees

(1)

(b)



Not drawn accurately

Work out the values of b and c .

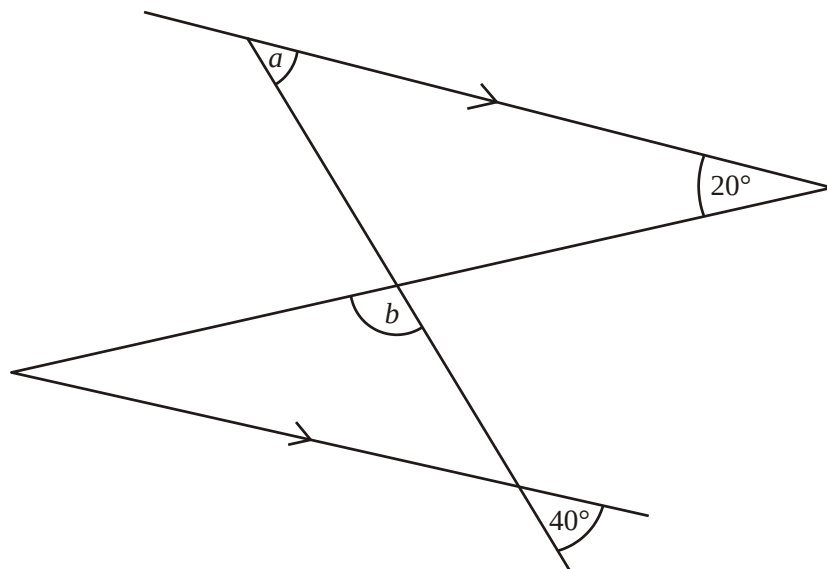
Answer $b =$ degrees

$c =$ degrees

(2)

(Total 3 marks)

6. (a) Work out the size of angles a and b .

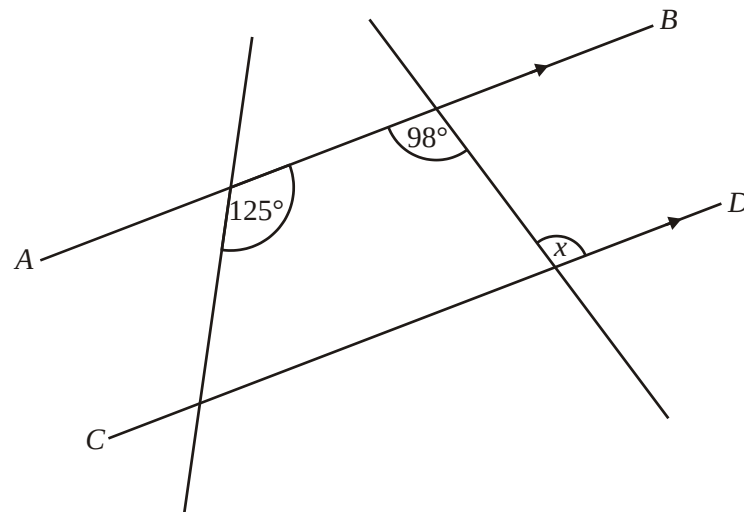


Not drawn accurately

Answer $a = \dots\dots\dots$ degrees, $b = \dots\dots\dots$ degrees

(3)

7. The lines AB and CD are parallel.



Not drawn accurately

Work out the value of x .

Give a reason for your answer.

Answer $\dots\dots\dots$ degrees

Reason

(Total 2 marks)