18 A rectangle $ABCD$ is to be drawn on a centimetre grid such that

A has coordinates $(-4, -2)$
B has coordinates $(1, 10)$
C has coordinates $(19, a)$
D has coordinates (b, c)

(a) Work out the value of a, the value of b and the value of c.

$a =$ .....

$b =$ .....

$c =$ .....

(4)

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(b) Calculate the perimeter, in centimetres, of rectangle *ABCD*.

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..... cm

(3)

(Total for Question 18 is 7 marks)