

10. The point A has coordinates $(5, 13)$ and the point B has coordinates $(-1, 1)$.

Nov 08
3H

(a) Work out the coordinates of the midpoint of AB .

(..... ,)
(2)

The point C has coordinates $(0, 7)$.

The line L passes through C and is parallel to the line AB .

(b) Find an equation of the line L .

.....
(4)

(Total 6 marks)

Q10

6. Two points, A and B , are plotted on a centimetre grid.
 A has coordinates $(2, 1)$ and B has coordinates $(8, 5)$.

May 04 3H

(a) Work out the coordinates of the midpoint of the line joining A and B .

(..... ,)
(2)

(b) Use Pythagoras' Theorem to work out the length of AB .
Give your answer correct to 3 significant figures.

..... cm
(4)

(Total 6 marks)

Q6