

- (i) State the coordinates of D . [1]

(ii) It is given that $CD^2 = 20$. Write down an equation relating x and y . [1]

(iii) It is given that AC and BC are equal in length. Find an equation relating x and y and show that it can be simplified to $y = 2x - 9$. [3]

This image shows a full page of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

