

The diagram shows a trapezium ABCD in which the coordinates of A, B and C are (4, 0), (0, 2) and (h, 3h) respectively. The lines BC and AD are parallel, angle $ABC = 90^{\circ}$ and CD is parallel to the x-axis.

(i)	Find, by calculation, the value of h .	[3]
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[3	ordinates of D .	Hence find th
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