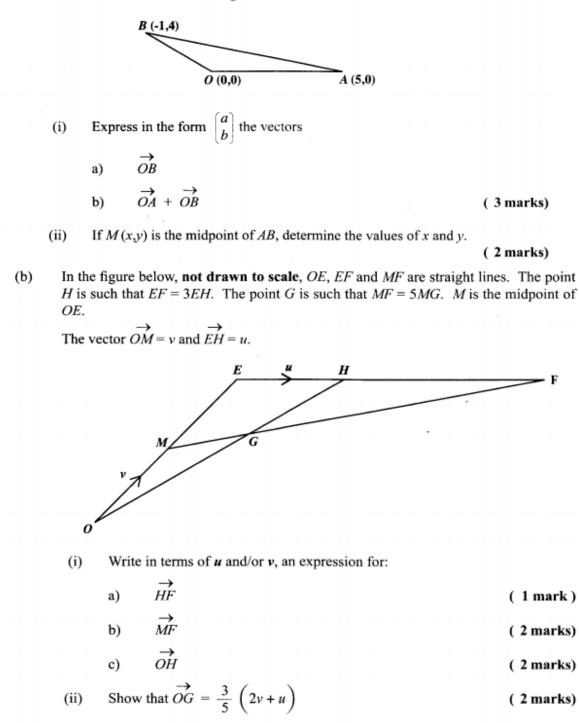
## **Question 1**

(a) The figure below, not drawn to scale, shows the points O(0,0), A(5,0) and B(-1,4) which are the vertices of a triangle OAB.



(iii) Hence, prove that O, G and H lie on a straight line. (3 marks)

## **Question 2**

