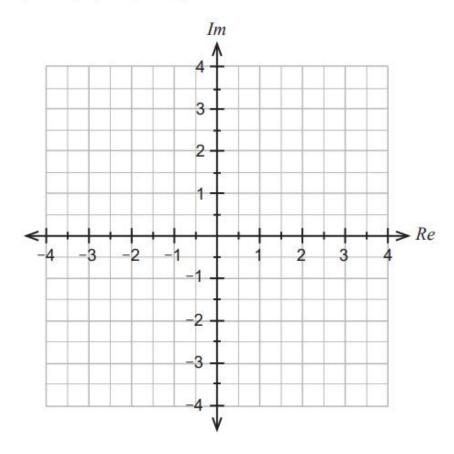
(a) Sketch the locus of a complex number z satisfying the condition:

$$|z-2i|+|z-(3-2i)|=5$$
 (2 marks)



A spare grid is provided at the end of this Question/Answer booklet. If you need to use it, cross out this attempt and indicate that you have redrawn it on the spare grid.

(b) Describe the locus of the equation 
$$(z+i)(\overline{z+i})=2$$
. (3 marks)

(c) The sketch of the locus of a complex number z has been shown below. Write equations or inequalities in terms of z (without using x = Re(z) or y = Im(z)) for the indicated locus. (3 marks)

