2	The point A is such that the magnitude of OA is 8 and the direction of OA is 240°.	
	(a) (i) Show the point A on the axes provided in the Printed Answer Booklet.	[1]
	(ii) Find the position vector of point A. Give your answer in terms of i and j.	[3]
	The point B has position vector $6\mathbf{i}$.	
	(b) Find the exact area of triangle <i>AOB</i> .	[2]
	The point C is such that $OABC$ is a parallelogram.	
	(c) Find the position vector of C. Give your answer in terms of i and j.	[2]