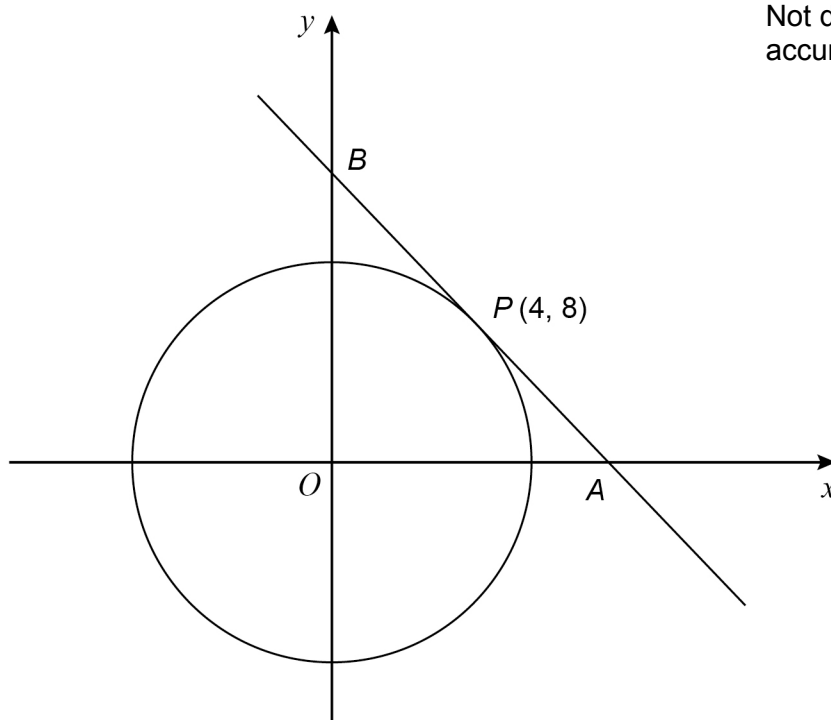


- 25**  $P(4, 8)$  is a point on a circle, centre  $O$ .  
The tangent at  $P$  intersects the axes at points  $A$  and  $B$ .



- 25 (a)** Show that the gradient of the tangent is  $-\frac{1}{2}$

**[2 marks]**

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