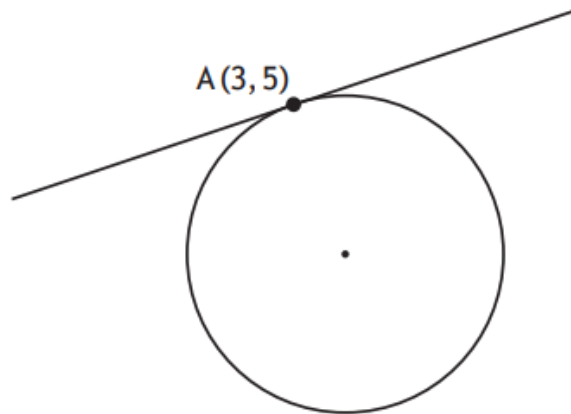


Higher Maths  
SQA 2021 Paper 2  
Question 14

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The point  $A(3, 5)$  lies on the circle with equation  $x^2 + y^2 - 10x + 2y - 14 = 0$ .



Find the equation of the tangent to the circle at A.

4

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Answer:  $3y = x + 12$   
or equivalent