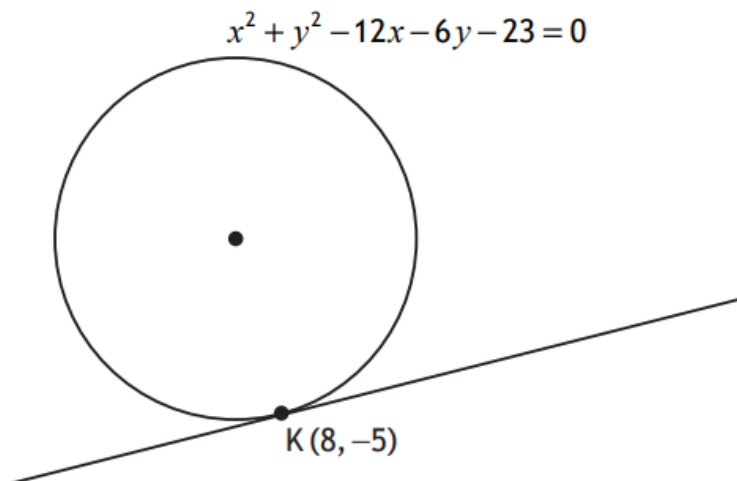


Higher Maths
SQA 2018 Paper 1
Question 4



The point $K(8, -5)$ lies on the circle with equation $x^2 + y^2 - 12x - 6y - 23 = 0$.



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

4

Answer:

$$y = \frac{1}{4}x - 7$$