

Higher Maths  
SQA 2017 Paper 1  
Question 2



---

The point  $P(-2, 1)$  lies on the circle  $x^2 + y^2 - 8x - 6y - 15 = 0$ .  
Find the equation of the tangent to the circle at  $P$ .

4

---

Answer:

$$y = -3x - 5$$