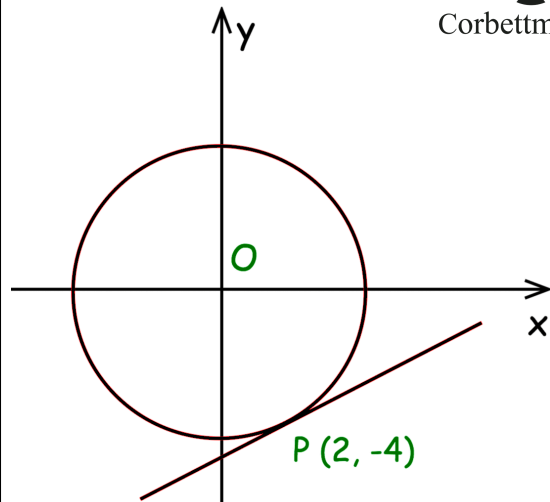




Here is a circle, centre O, and the tangent to the circle at the point (2, -4).

Find the equation of the tangent at the point P.



Solve

$$m^2 + 5m - 36 < 0$$

S is a geometric sequence

The first three terms of S are $(x + 18)$, x and $(2x - 15)$, where x is positive.

Find the value of x .

Find the 5th term of S