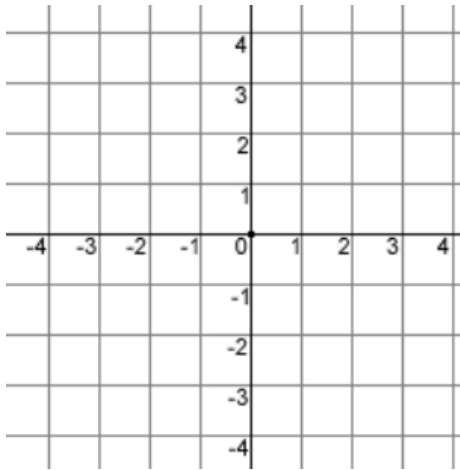# Circles & Tangents Homework

1) Plot: $x^2 + y^2 = 4$

2) Write down the equation of the circle with centre (0, 0) and:

a) Radius 7

b) Diameter 18

c) Radius $3\sqrt{6}$

3) A circle has centre (3, 0) and the point P(7, 2) lies on the circle

Find the equation of the tangent to the circle at the point P

Mark:	Grade:
I did well at:	To Improve I need to:

Try:

MATHS CLOUD