

- 1 Which of these is the equation of a circle?
Circle your answer.

[1 mark]

$$x^2 - y^2 = 6$$

$$x^2 + y^2 = 6$$

$$y = x^2 - 6$$

$$y = x^2 + 6$$



2

A circle has centre (0, 0) and passes through (0, 11)

Write down the equation of the circle.

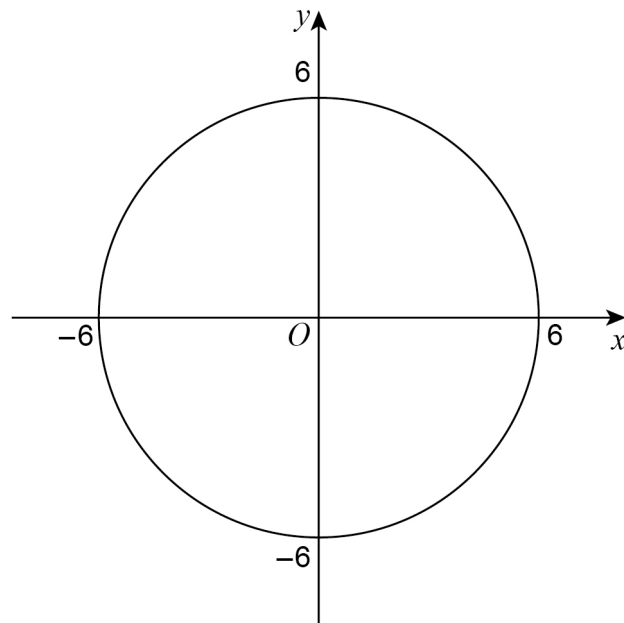


[1 mark]

Answer

$x^2 + y^2 = 11^2$ ①

- 3 A circle has centre O and passes through $(0, 6)$



Write down the equation of the circle.

[1 mark]

Answer $x^2 + y^2 = 6^2$ ✓ 1