

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

[1 mark]

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

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

$$y = x^2 - 6$$

$$y = x^2 + 6$$

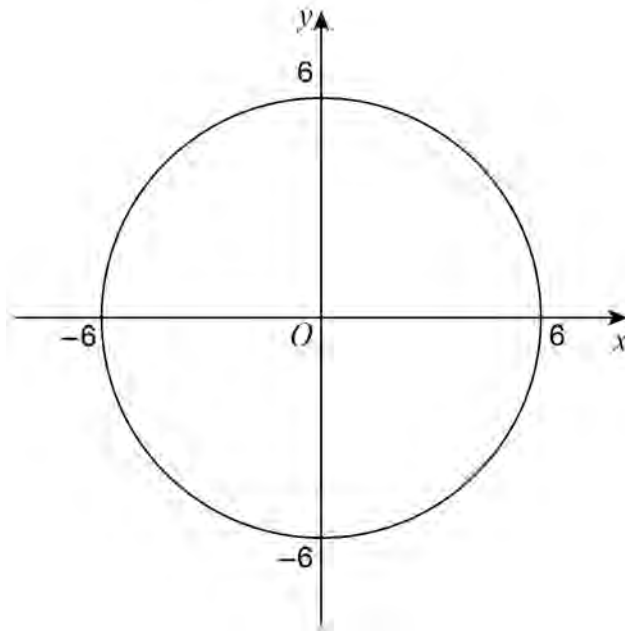
- 2 A circle has centre $(0, 0)$ and passes through $(0, 11)$

Write down the equation of the circle.

[1 mark]

Answer _____

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



Write down the equation of the circle.

[1 mark]

Answer _____