

중심과 반지름이 주어진 원의 방정식

(Equation of the circle given a centre and a radius)

Equation of the circle given a centre and a radius

▶ Start

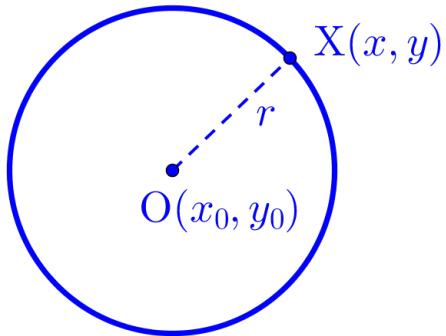
Equation of the circle given a centre and a radius

▶ Start

$$O(x_0, y_0)$$

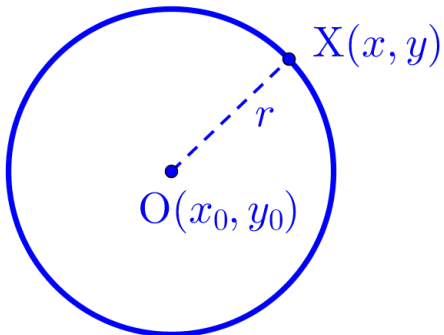
Equation of the circle given a centre and a radius

▶ Start



Equation of the circle given a centre and a radius

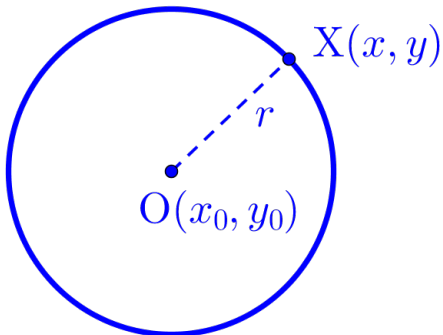
▶ Start



$$\overline{OX} = r$$

Equation of the circle given a centre and a radius

▶ Start

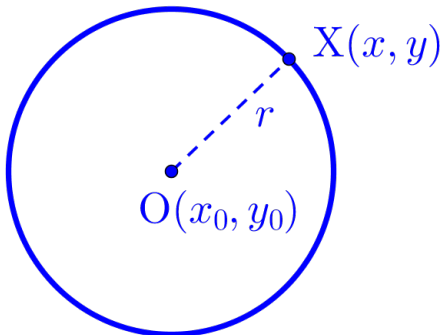


$$\overline{OX} = r$$

$$\sqrt{(x - x_0)^2 + (y - y_0)^2} = r$$

Equation of the circle given a centre and a radius

▶ Start



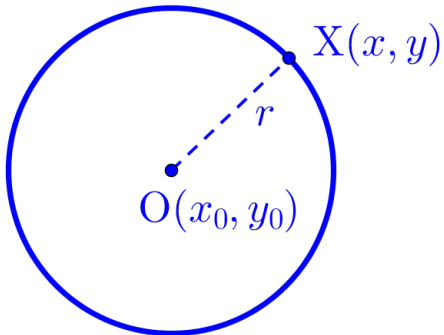
$$\overline{OX} = r$$

$$\sqrt{(x - x_0)^2 + (y - y_0)^2} = r$$

$$(x - x_0)^2 + (y - y_0)^2 = r^2$$

Equation of the circle given a centre and a radius

▶ Home



$$\overline{OX} = r$$

$$\sqrt{(x - x_0)^2 + (y - y_0)^2} = r$$

$$(x - x_0)^2 + (y - y_0)^2 = r^2$$