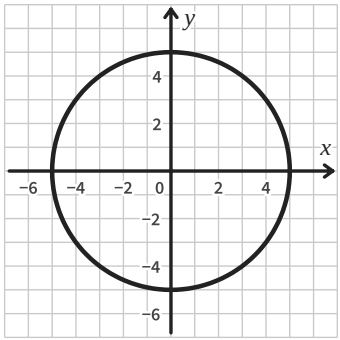
Equation of a circle *lesson handout*

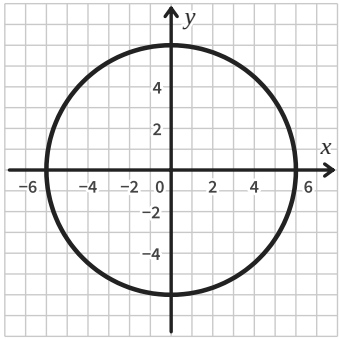
Turn and talk

Mark the points with whole number coordinates the circle goes through.



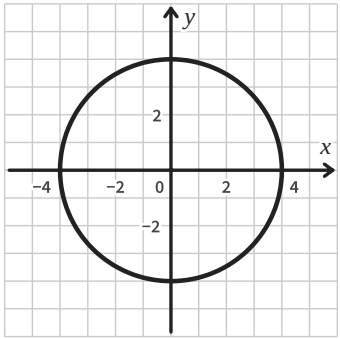
We do

Write the equation of the circle.



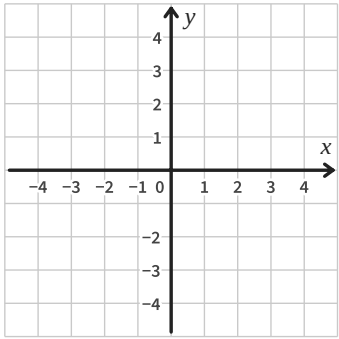
You do

Write the equation of the circle.



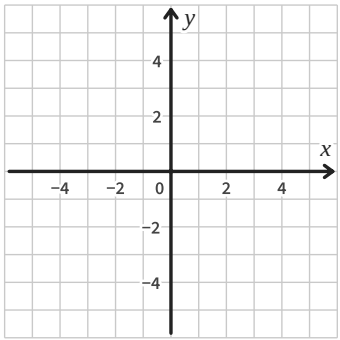
We do

The circle $x^2 + y^2 = 9$. Write down the radius. Draw the circle.



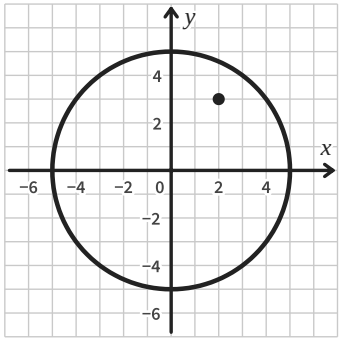
You do

The circle $x^2 + y^2 = 16$. Write down the radius.
Draw the circle.



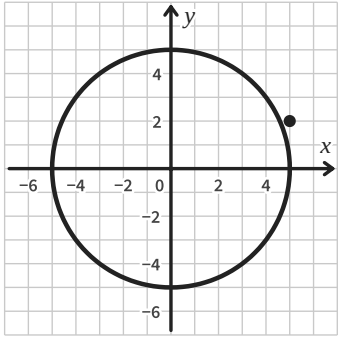
We do

Is (2, 3) inside, on or outside the circle $x^2 + y^2 = 25$?



You do

Is (5, 2) inside, on or outside the circle $x^2 + y^2 = 25$?



Find the points

Mark every point with whole number coordinates on the circle $x^2 + y^2 = 50$.

