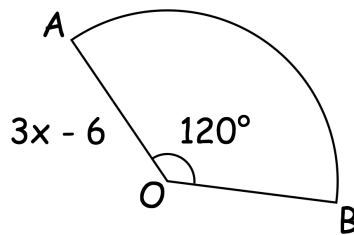


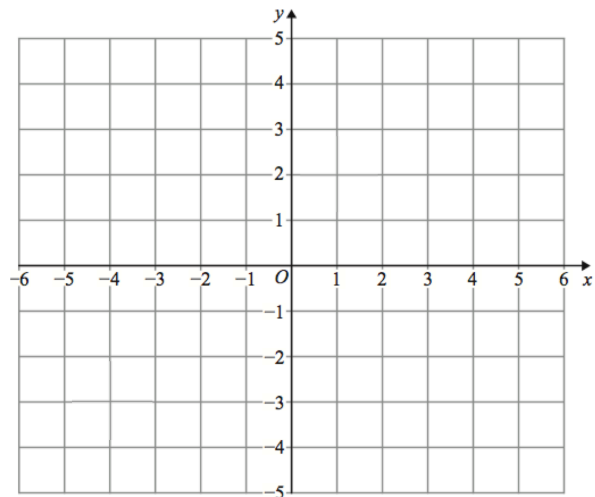


Write an expression for the area of sector AOB.

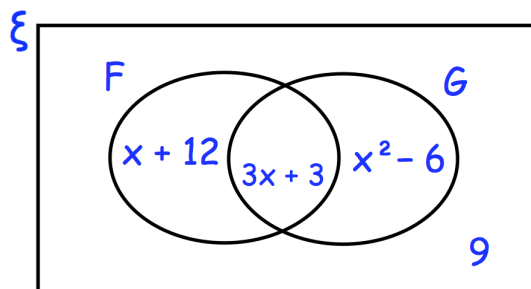


$$f(x) = 2x - 1$$

Draw $y = f(x)$ and $y = f^{-1}(x)$



Solve $f(x) = f^{-1}(x)$



The Venn diagram shows information about the languages studied by 50 students.

$\xi = 50$ students
 F = studies French
 G = studies German

Find how many students study both languages

A student is chosen at random. They study German. Work out the probability they also study French