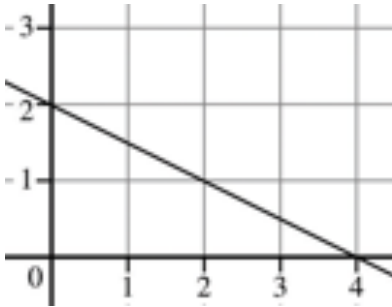


**21st March**

Corbettmaths



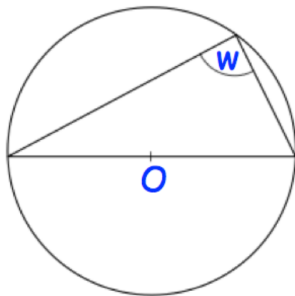
Write down the equation of this line

Write down the equation of a line perpendicular to the line above

The probability that Mary passes her English exam is 0.7 and the probability that she passes her French exam is  $x$ .

Find  $x$ 

The probability she fails both exams is 0.06

Write down the value of  $w$ .

Expand and simplify

$$(2 + \sqrt{5})^2$$