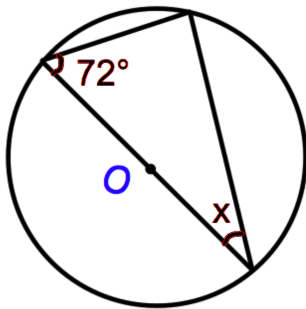


Enlarge the rectangle by scale factor -3 , centre of enlargement $(5, 3)$



Find x

The pupils in Year 11 sit a maths test and an English test.

the number of pupils who passed the maths test : the number of pupils who failed the maths test = $9 : 1$

From the pupils who passed the maths test, the number of pupils who passed the English test : the number of pupils who failed the English test = $4 : 1$

From the pupils who failed the maths test, the number of pupils who passed the English test : the number of pupils who failed the English test = $2 : 3$

What percentage of the pupils passed the English test?

Expand and simplify $(x + 1)(x + 4)(x - 2)$