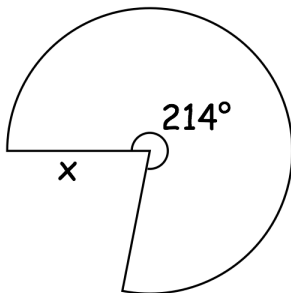
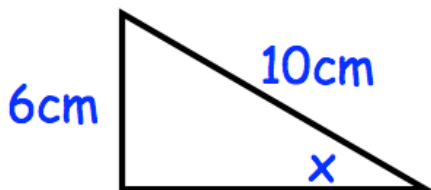
Find x

x is $\frac{3}{5}$ of y

x is $\frac{2}{3}$ of z

Write down the ratio of $x : y : z$ Solve $x^2 + x = 12$ 

The area of the sector is 3m^2 .
Find x .

Find the size of $\cos x$

Shown is a right angled triangle.