



Simplify

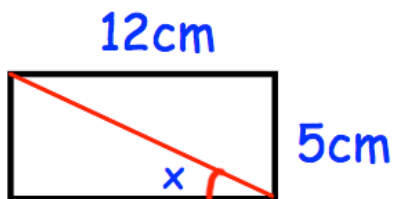
$$\frac{4\pi}{5} + \frac{\pi}{9}$$

Give your answer in terms of π

Fiona leaves £20000 in the bank for three years.
It earns compound interest of 0.5% each year.

Calculate the total amount Fiona has in the bank at the end of the three years.

Shown below is a rectangle

Find x

Solve the simultaneous equations

$$4x + 2y = 34$$

$$3x + y = 21$$

A millisecond is 1×10^{-3} seconds.

A device does a calculation in 1 millisecond.

How many similar calculations can the device calculate in 2 seconds?