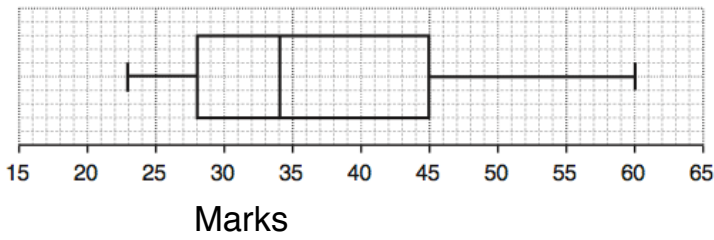


31st August



Work out the interquartile range.

A fish tank has sprung a leak, at the base of the tank. 5% of the water is lost every minute.

How much water is lost from the tank after ten minutes?

Here are the first and third terms of a different Fibonacci-type sequence

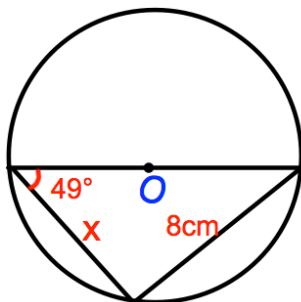
d e

Work out an expression in terms of d and e for the fifth term

Liquid A has a density of 0.85g/cm^3
 Liquid B has a density of 1.2g/cm^3

200g of liquid A and 30g of liquid B are mixed for make liquid C.

Work out the density of liquid C.



Find x