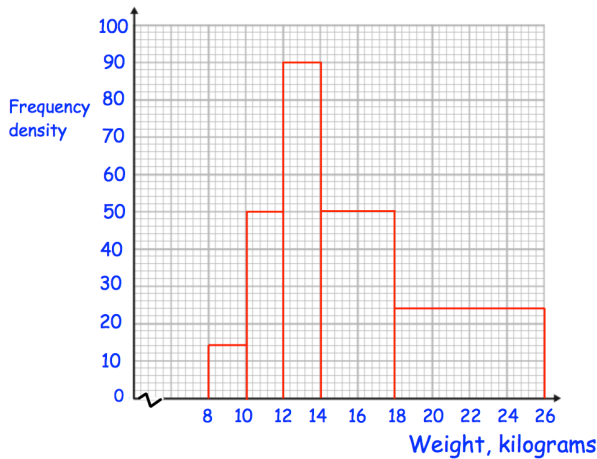


9th February



Corbettmaths



What percentage of the dogs weighed over 20kg?

Calculate an estimate of the median

The histogram shows the weights of 700 dogs.

The number of bacteria on a petri dish is given by the formula.
 N = number of bacteria
 t = time (in hours)

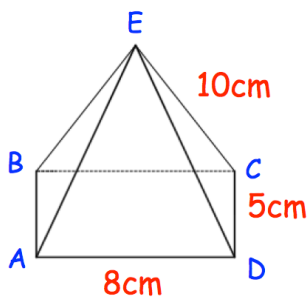
At the beginning of the experiment there are 80 bacteria.

Show $A = 80$

$$N = A \times 2.71^{0.2t}$$

How long would it take for there to be 200 bacteria?

How many bacteria would there be after one day?



Calculate the size of angle ACE