

Find an estimate of the percentage of the dogs that 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 measured every hour and is modelled by the formula below.  
 N = number of bacteria  
 t = time (in hours)

At the beginning of the experiment there were 80 bacteria.

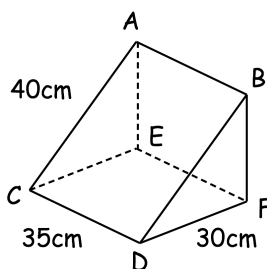
Show  $A = 80$

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

How many hours would it take for there to be at least 200 bacteria on the petri dish?

How many bacteria would there be after one day?

Here is a triangular prism



Which angle is larger, ACE or ADE?