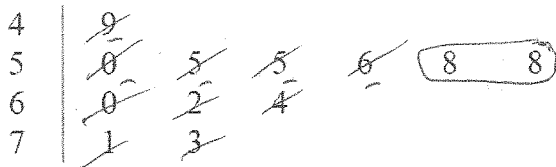


# M3 = 29 days to go!

8 The life expectancy for males in 12 countries in Africa for 2015 is shown in the following stem and leaf diagram.



Key: 5 | 3 means 53 years

(a) How many of these countries had a life expectancy for males of less than 58 years?

does not include 58

Answer 5 [1]

(b) For the above data work out

(i) the median,

middle

work towards the middle  
from each end.

58 and 58

Answer 58 years [1]

(ii) the range.

Range = Biggest - Smallest

= 73 - 49

= 24

Answer 24 years [1]

20 Which average (mean, mode or median) would be most suitable for each set of data?

Explain your choice.

- (a) One value appears much more frequently than the others and it is not at the upper or lower end of the data.

Answer mode because it happens most and is typical of the data. [1]

- (b) The data is fairly evenly spread but there is one extreme value at the upper end.

Answer median because nothing to do with the extreme values. [1]