

# 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?

Answer \_\_\_\_\_ [1]

(b) For the above data work out

(i) the median,

Answer \_\_\_\_\_ years [1]

(ii) the range.

Answer \_\_\_\_\_ 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 \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_ [1]

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

Answer \_\_\_\_\_ because \_\_\_\_\_  
\_\_\_\_\_ [1]