

ASSIGNMENT 21

The table shows information about how long it takes students to get to school.

Work out an estimate for the mean

Time (t minutes)	Frequency
$0 < t \leq 10$	2
$10 < t \leq 20$	8
$20 < t \leq 30$	12
$30 < t \leq 40$	7
$40 < t \leq 50$	1

The table shows the ages of an under-21 rugby squad.

Age	Frequency
18	5
19	5
20	9
21	4

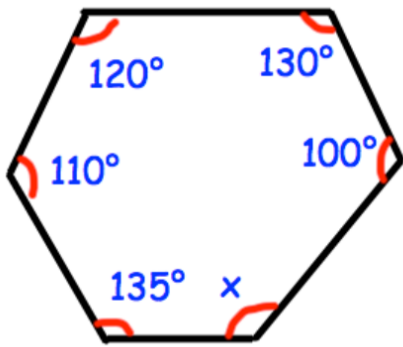
Find the mean age

Speed (v km/h)	Frequency
$30 < v \leq 40$	20
$40 < v \leq 50$	76
$50 < v \leq 60$	68
$60 < v \leq 70$	28
$70 < v \leq 80$	8

Calculate an estimate of the mean.

The mean of five numbers is 8.2.
Four of the numbers are 8, 10, 12 and 10.

Work out the fifth number.



Find x if the total interior angles total 720°

Therefore find the MEDIAN interior angle value for the six angles

Four numbers have a mean of 8 and a median of 8, but none of the numbers is 8. Give an example of what the four numbers could be.

A family consists of two grandparents, two parents and three grandchildren. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

-1, 0, 1, 0, -2

Find the greatest, the Mean, Median, Mode or Range?

Aims of this session: Review your abilities in each of these areas, Green (feel confident..G), Amber (need to work more on..A), Red (Feel weaker at this..R)

1. Calculate the MEAN (average) of a set of data
2. Calculate the MODE of a set of data
3. Calculate the MEDIAN of a set of data
4. Calculate the RANGE of a set of data
- 5.

G	A	R
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MOSTLY GREEN

MOSTLY ORANGE

MOSTLY RED