

21st June

Foundation Plus 5-a-day



Corbettmaths

Alex works for the council.
He records the number of people in cars travelling down a street over one hour.

Number of people in each car		Number of cars	
1	X	41	41
2	X	54	108
3	X	32	96
4	X	20	80
5	X	3	15
		150	<u>340</u>

Work out the total number of cars that travelled down the street.

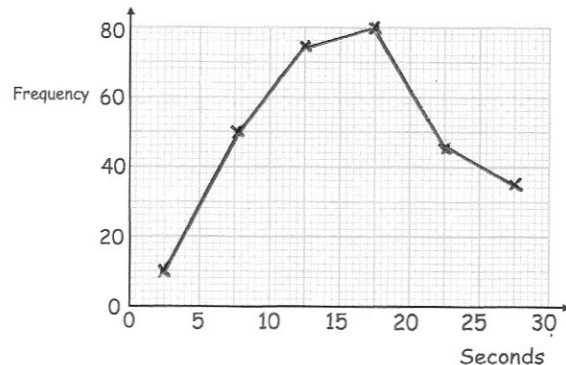
150

Work out the total number of people that travelled in cars down the street.

340

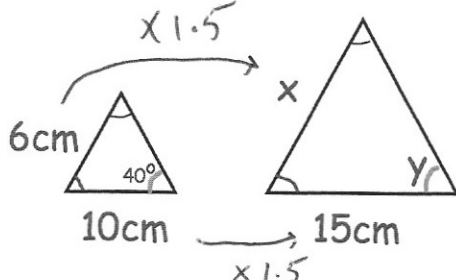
The table below shows information about the time taken to complete a puzzle test by a group of students

Time, seconds	Frequency
$0 < t \leq 5$	10
$5 < t \leq 10$	50
$10 < t \leq 15$	75
$15 < t \leq 20$	80
$20 < t \leq 25$	45
$25 < t \leq 30$	35



Draw a frequency polygon for this information.

Shown below are two similar triangles



Work out side length, x

9cm

Work out angle y

40°