

1101

Using data set 3, find, correct to the nearest whole number, the percentage of year 7 students in the school

488

28

Using data set 4, find the total number of women

8

61

24

Using data set 2, find how many plants were recorded

Using data set 1, estimate the IQR time taken, in minutes, to complete the exam

50

Using data set 1, estimate how many students took more than 45 minutes to complete the exam

30

Using data set 1, estimate the percentage of students who took between 45 and 55 minutes to complete the exam

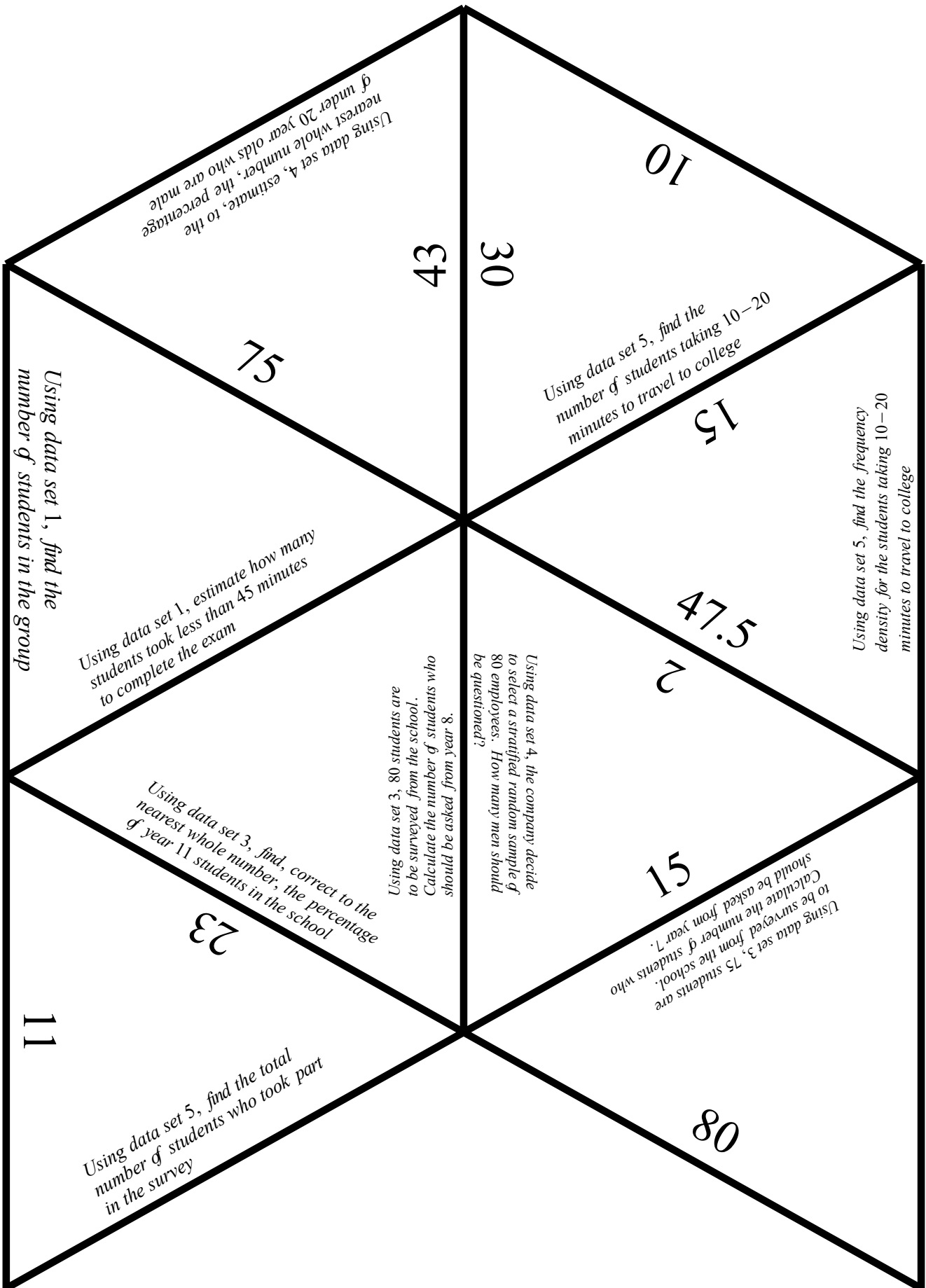
32

Using data set 2, estimate how many plants were less than 40cm

74

Using data set 5, find the number of students taking under 5 minutes to travel to college

90



Using data set 4, estimate, to the nearest whole number, the percentage of under 20 year olds who are male

10

30

Using data set 5, find the number of students taking 10-20 minutes to travel to college

15

Using data set 5, find the frequency density for the students taking 10-20 minutes to travel to college

Using data set 1, find the number of students in the group

75

Using data set 1, estimate how many students took less than 45 minutes to complete the exam

47.5

Using data set 4, the company decide to select a stratified random sample of 80 employees. How many men should be questioned?

2

Using data set 3, 80 students are to be surveyed from the school. Calculate the number of students who should be asked from year 8.

15

Using data set 3, 75 students are to be surveyed from the school. Calculate the number of students who should be asked from year 7.

Using data set 3, find, correct to the nearest whole number, the percentage of year 11 students in the school

23

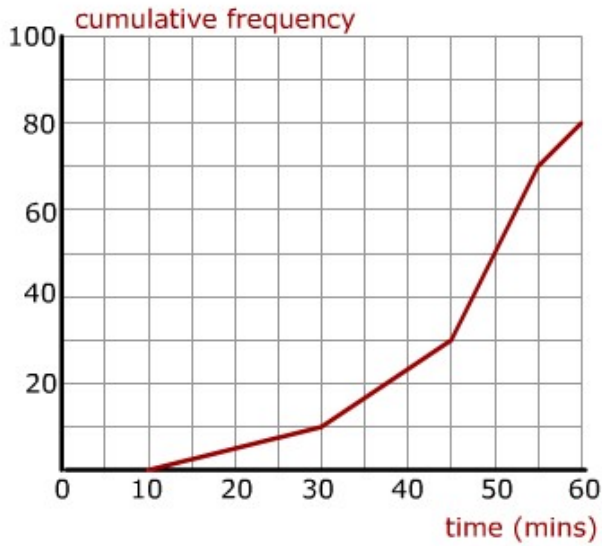
Using data set 5, find the total number of students who took part in the survey

11

80

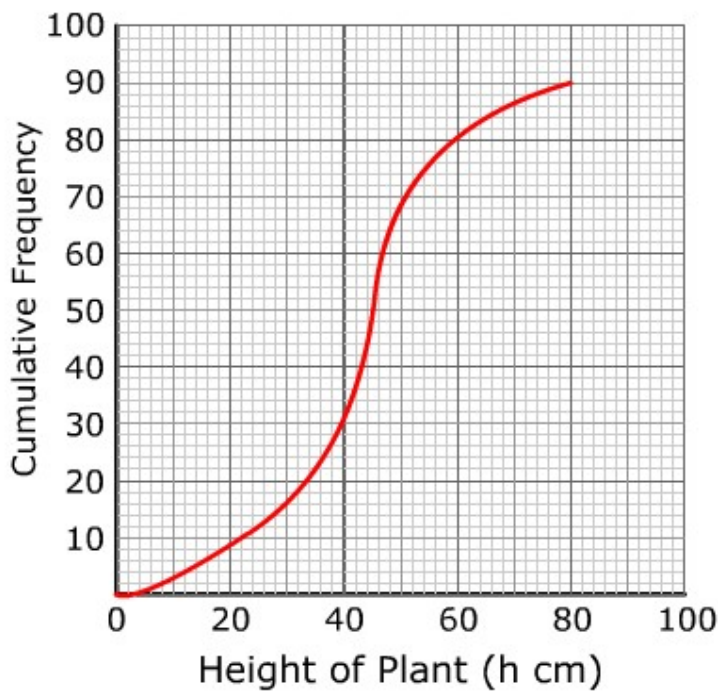
Data set 1

The cumulative frequency graph shows the length of time taken by a group of students to complete an exam:



Data set 2

The heights of a group of plants were recorded and put into a cumulative frequency graph.



Data set 3

The table shows the numbers of students in each year group of a school:

	7	8	9	10	11	
Number of students	118	232	216	284	251	

Data set 4

The table show the distribution, by age and gender, of staff in an office block:

	Age (x) years				
	$X < 20$	$20 < x < 30$	$30 < x < 40$	$X > 40$	
Men	16	172	136	117	
Women	18	191	142	137	

Data set 5

The histogram shows the times taken to travel to college by students at a college.

90 students took between 20 and 35 minutes to travel to college.

