

1. (a) Draw a scatter graph for the information below, about computers:

Cost of computer in pounds	150	350	450	220	160	250	330	150
Average lifespan of computer in months	5	17	22	8	6	12	18	3

(b) Add on a line of best fit

(c) Using your graph, estimate the lifespan of a computer costing £200.

2. 16 people were asked to name their favourite drink.

Tea	Coffee	Coke	Irn Bru
Irn Bru	Tea	Tea	Coffee
Coke	Coffee	Irn Bru	Coke
Irn Bru	Coke	Coffee	Coke

(a) Draw a frequency table for this information:

(b) Draw a bar chart to show the data.

(c) Which is the most popular drink?

3. These are the shoe sizes for ten people in Holland:

7	11	9	12	7	6	10	11	7	8
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(a) Find the maximum and minimum.

(b) Find the range.

(c) Find the mean.

These are the shoe sizes for ten people in Spain:

6	6	8	8	4	7	10	8	9	4
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(d) Find the maximum and minimum.

(e) Find the range.

(f) Find the mean.

(g) Based on your results, are the shoes sizes bigger in Holland or SPain?

4. (a) Draw a scatter graph for the information below, about pages in a book and price:

Number of Pages	154	220	350	126	89	240	310	120
Price	£5	£12	£45	£12	£4	£20	£33	£12

- (b) Add on a line of best fit  
 (c) Using your graph, estimate the price of a book with 200 pages in it.  
 (d) Using your graph, estimate the number of pages in a book that costs £30.

5. 16 people were asked to name their favourite Super Hero.

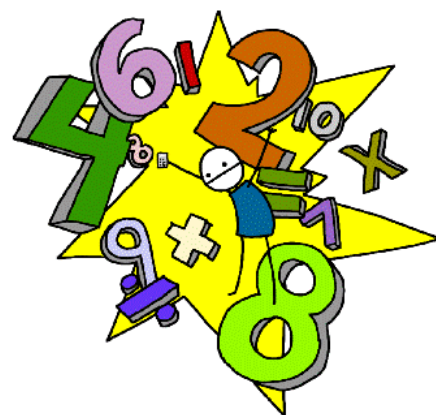
Spider Man	Batman	Incredible Hulk	Incredible Hulk
Batman	Batman	Spider Man	Spider Man
Spider Man	Spider Man	Captain America	Captain America
Incredible Hulk	Batman	Captain America	Batman

- (d) Draw a frequency table for this information:  
 (e) Draw a bar chart to show the data.  
 (f) Who is the most popular Super Hero?

6. These are test scores (out of 20) for ten people in Maths:

3	5	19	12	17	16	12	14	17	2
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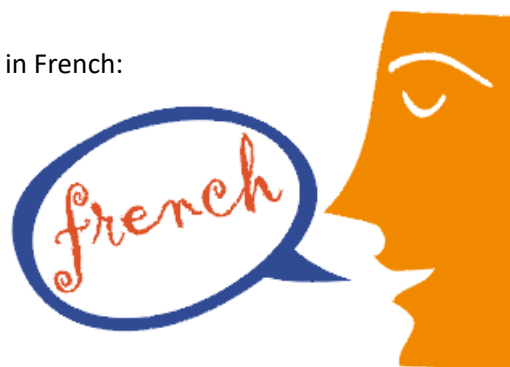
- (h) Find the maximum and minimum.  
 (i) Find the range.  
 (j) Find the mean.



These are the test scores (out of 20) for ten people in French:

15	16	8	18	12	17	8	5	20	4
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- (k) Find the maximum and minimum.  
 (l) Find the range.  
 (m) Find the mean.



- (n) Based on your results, were the test scores higher in Maths or French?

