

National 4 Lifeskills – Revision (Version 2)



1. Payslip

Kyle McManus	Employee Number: 234225	Annual Salary: £27,000	Monthly NI Tax: £395	Monthly PAYE Tax: £156
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- (a) What is Kyle's gross monthly salary?
- (b) What is his total tax?
- (c) What is his net monthly salary?

2. Payslip

Jason McManus	Employee Number: 234654	Hourly Rate: £7 per hour	Normal hours worked: 80	Overtime hours worked: 10	Overtime rate: Double Time
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- (a) What is Jason's basic pay for 100 hours?
- (b) How much does she get paid for her 10 overtime hours?
- (c) What is her total monthly salary?

3. The Campbell family earn £3200 each month.
These are their expenses:

Expenditure	Amount
TV and Internet	£70
Other Bills	£250
Renting flat	£950
Clothes	£120
Renting Car	£450

How much do they have left at the end of each month?

4. The James family have two adults and four children.

At the cinema Adult tickets are £15 and Child tickets £10.

- (a) How much does it cost them all to go?

There are various special offers.

Offer 1: 10% off the final bill

Offer 2: Family ticket for £60

Offer 3: One child goes free

- (b) Find the price of each offer.

- (c) Which one is cheapest?



5. Look at the exchange rates below:

Country	Currency	Exchange Rate
Belgium	Euro	1.25
Norway	Krona	9.89
India	Rupee	106.56
USA	Dollar	1.33

- (a) If you have 800 Krona, how many pounds is this?
 (b) How many Norwegian Krona can you get for £250?
 (c) If you have 2300 Rupees, how many pounds is this?
 (d) How many US Dollars can you get for £150?

6. Mr Ryder wants to borrow £1000 from the bank.

There are three options for paying back the loan:

	Interest Rate	Repayment Time
Option 1:	10%	1 year
Option 2:	12%	1 year
Option 3:	8%	6 months

- (a) For each option, how much does he have to pay back in total?
 (b) For each option, how much does he have to pay back each month?

7. (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.

8. 16 people were asked to name their favourite Super Hero.

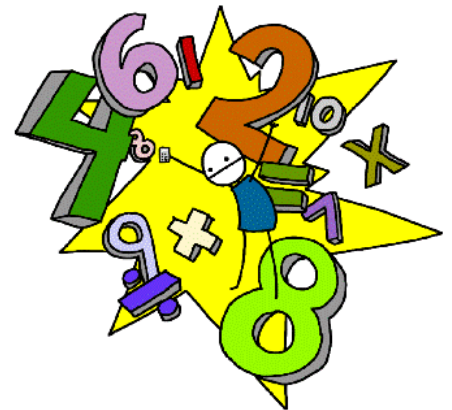
Spider Man	Batman	Incredible Hulk	Incredible Hulk
Batman	Batman	Spider Man	Spider Man
Spider Man	Spider Man	Captain America	Captain America
Incredible Hulk	Batman	Captain America	Batman

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

9. 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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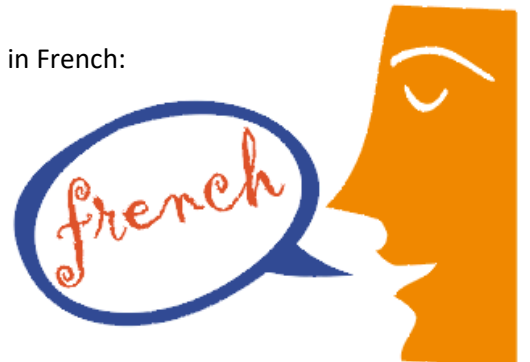
- (a) Find the maximum and minimum.
 (b) Find the range.
 (c) Find the mean.



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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- (d) Find the maximum and minimum.
 (e) Find the range.
 (f) Find the mean.



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