

National 4 Lifeskills – Revision



1. Payslip

John Smith	Employee Number: 2341325	Annual Salary: £24,000	Monthly NI Tax: £350	Monthly PAYE Tax: £250
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- What is John's gross monthly salary?
- What is his total tax?
- What is his net monthly salary?

2. Payslip

Jackie Smith	Employee Number: 2346534	Hourly Rate: £10 per hour	Normal hours worked: 100	Overtime hours worked: 12	Overtime rate: Time and a half
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- What is Jackie's basic pay for 100 hours?
- How much does she get paid for her 12 overtime hours?
- What is her total monthly salary?

3. The Bronson family earn £2200 each month.
These are their expenses:

Expenditure	Amount
TV and phone bill	£110
Mortgage	£450
Pension	£120
Clothes	£100
Petrol	£220

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

4. The Stewart family have three adults and two children.

For a theme park Adult tickets are £40 and Child tickets £20.

There are various special offers.

Offer 1: All children go half price

Offer 2: 20% off total ticket price

Offer 3: One child goes free.

Find the price of each offer.

Which one is cheapest?



5. Look at the exchange rates below:

Country	Currency	Exchange Rate
Germany	Euro	1.23
Poland	Zloty	5.14
Sweden	Krona	11.02
Canada	Canadian Dollar	1.83

- (a) How many Canadian Dollars will you get for £500?
 (b) If you have 600 Euros, how many pounds is this?
 (c) How many Swedish Krona can you get for £300
 (d) If you have 3000 Zloty, how many pounds is this?

6. Mr Lewis wants to borrow £200 from the bank.
 There are three options for paying back the loan:

	Interest Rate	Repayment Time
Option 1:	3%	1 year
Option 2:	4.4%	1 year
Option 3:	5%	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 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.

8. 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?

9. 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?