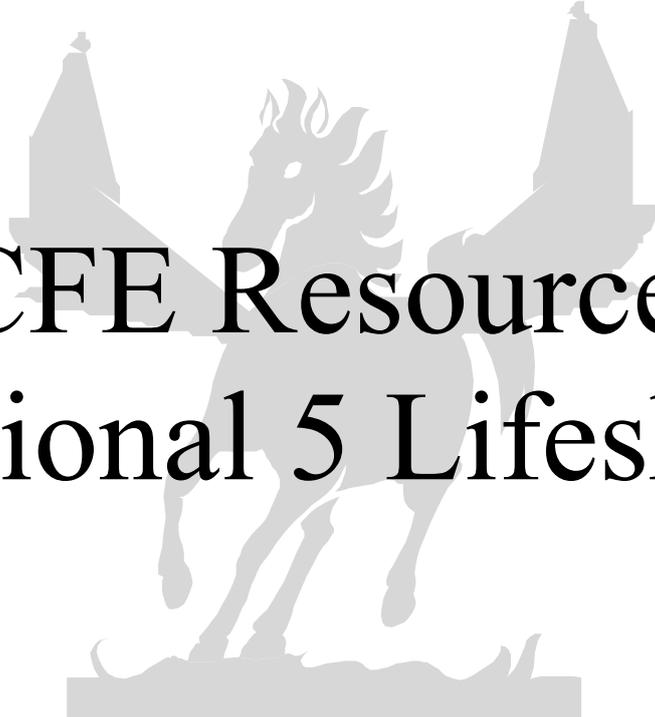


Pegasys Educational Publishing

A stylized grey silhouette of a Pegasus, a mythical winged horse, standing on a small patch of ground. The Pegasus is facing left and has its wings spread. In the background, there are two grey silhouettes of buildings with pointed roofs, resembling a school or university campus.

CFE Resources National 5 Lifeskills

Unit 1

Managing Finance & Statistics

Homework Exercises

- ❖ **Homework exercises covering the Unit 1 topics**
- ❖ **+ Answers**

N5 Lifeskills Homework - Budgeting, Planning, Choice and Cost

1. Graeme has not long left school. He is working as a waiter in a local restaurant as well as a part-time parcel delivery driver.

His weekly income and expenditure are shown below.

Weekly Income	Weekly Expenditure
From restaurant work 30 hours a week @ £6.20 per hour	£70 for spending money £45 for petrol
From delivery work ... one full day of earnings £90.00	£50 to parents for his keep £30 for online buying, phone, etc.

- (a) Calculate Graeme's weekly income.
- (b) Considering this budget, how much could Graeme save over a 30 week period?
- (c) He decides to give his parents a bit more money each week for his keep and in effect saves only £2190 over the following 30 weeks.

How much **extra** did he decide to pay his parents each week?

2. The local golf club is organising a jazz night for its members. The treasurer makes a list of expenses.

Buffet £5.50 per person	Bar/serving staff wages £279
Utilities cost £60	Jazz Band £440

- (a) On the night 164 people turned up and each paid £9.50 a ticket.
- How much of a profit or loss did the club make?
- (b) How much should they have charged for each ticket in order to break even?

3. Mark is going to the bowling alley with friends. He has £28 in his pocket. He plays two games of bowls ... the first game costs him £8.50 and with the second he gets a 20% reduction. He buys a hotdog and a drink between games costing him £5.40.

He also bought a return ticket on the train to get there and back.

If he returned home with £4.80 in his pocket, how much did the return train ticket cost him?

4. In a certain holiday brochure, advertisements were found for the following three campsites in France. The prices quoted are per person.

	JULY		AUGUST		SEPTEMBER	
	7 days	14 days	7 days	14 days	7 days	14 days
Bon Anse	£212	£278	£210	£254	£185	£240
La Oisier	£235	£305	£210	£260	£195	£255
Bon Ami	£215	£290	£200	£250	£190	£235

CAR FERRY – Portsmouth to Caen (return) £350 for a family of 4 : Portsmouth to St Malo (return) £428
 A discount of 30% is given for all children under 12 years of age. A booking fee of 5% is added to each bill

Calculate the cost of a fourteen day holiday during August in the Le Oisier campsite for the Graham family, comprising Mr and Mrs Graham, their daughter aged 16 years and their son aged 7 years, if they decide on the Portsmouth – St Malo crossing.

5. An extract from a ferry brochure is shown below. Prices are for single crossings to Le Havre.

Fares include 2 adults	Economy fare (single)	Flexi fare (single)
Cars up to 4m long	£49 + £2 for each additional or part metre	£59 + £3 for each additional or part metre
Bicycles	£30	£30
Motorhome/minibus up to 6m long	£65 + £5 for each additional or part metre	£75 + £7 for each additional or part metre
Motorcycle/scooter	£35	£45
Vans	£85	£75
Caravans (including cars)	from £91.00*** (day sailing) from £133.00*** (overnight sailing)	from £101.00*** (day sailing) from £143.00*** (overnight sailing)
Each additional adult	£11	£12
Each child (4-15 years)	£5	£5
Infants (0-3 years)	Free	Free
Pets	£9	£11

- (a) How much would Mr & Mrs Brown and their 12 year old daughter pay for a single economy crossing for themselves and their 8 metre long motorhome?
- (b) A number of adults plus their pet dog in a car which is 4.2 metres long are charged £97 for a single Flexi fare crossing.

How many adults are in the car?

N5 Lifeskills Homework - Wages & Commission

1. Susan Marshall is paid an hourly rate of £12.40.
She works a basic 36 hour week.



In addition any overtime she works is paid at time-and-a-half.

Calculate her total pay for a week in which she works 42 hours.

2. Mike has a part time job as a sales assistant working Friday and Saturday of each week.
He is paid £6.60 per hour between the hours of 9.00am and 4.00pm each day.
Any work he does outside these hours is paid at 'double-time'.



In addition he is paid 3% commission on all the goods that he sells.

Below is his job sheet for a particular week

<i>Employee : M. Smith</i>	Start Time	Finish Time	Sales total (£)
Friday	9.00 am	3.00 pm	£860
Saturday	9.00 am	7.30 pm	£1850

Calculate his total pay for these two days.

3. Fred is a double glazing salesman and gets paid a basic **annual** salary of £23 520.

He also gets paid 4% commission of any sales he has.

His sales in March were £12 400. Calculate Fred's gross salary for this month.

4. Donna is paid an hourly rate of £7.40. She works a basic week of 35 hours and any overtime is paid at time and a half.

Last week her gross pay was £392.20.

How many hours overtime did she work?

5. Gary is a car mechanic. He works a basic 35 hour week and is paid £273 for it.

(a) Calculate Gary's basic hourly rate.

Overtime from Monday to Saturday is paid at time and a half and on a Sunday at double time.

(b) Gary earned £499.20 one particular week. If he worked 12 hours overtime in total from Monday to Saturday, how many hours overtime did he work on Sunday?

N5 Lifeskills Homework - Deductions and Wage Slips

1. Peter works as a consultant earning £31900 per year. His personal tax allowance is £10000 and he can also claim an extra allowance of £1200 for travelling expenses.

- (a) Calculate his taxable income.
- (b) He pays tax at the basic rate of 20%. Calculate how much income tax he should pay each month.

2. Sharon is a senior college manager earning £49000 per year.

* Her personal allowances total £14500

* She pays tax at the basic rate of 20% for the first £31865 of taxable income and then pays the higher rate of 40% on all income over £31865.

Calculate how much income tax she should pay each month.

3. Peter Preston works at *The Hungry Horse* Diner. His payslip below is incomplete.

Employee Number 0129	Employee Name Peter Preston	Tax Code 342H	Week 14
Basic Pay 288.00	Overtime 86.50	Commission nil	Gross Pay
Income Tax 56.90	Superannuation nil	National Insurance	Total Deductions 87.50
			Net Pay

- (a) Calculate his Gross Pay. (b) Calculate his NI contribution.
- (c) Calculate his Net Pay and express it as a percentage of his Gross Pay (correct to 1d.p.).

4. Jenni works a basic 7 hour day from Monday to Friday. Her basic pay is £11 per hour.

All overtime is paid at **double time**. On a particular week Jenni works a total of 44 hours.

Here is Jenni's pay slip for that week. There are some entries missing.

After allowances her weekly income tax works out at 15% of her gross weekly pay.

Basic Pay	Overtime	Bonus	Gross Salary
A	B	£35.00	C
National Insurance	Income Tax	Superannuation	Total Deductions
£59.96	D	£36.73	E
			Net Salary
			F

Use the information given above, and in the pay slip, to calculate entries **A** to **F**.

N5 Lifeskills Homework - Best Buy and Best Deal

1. Which item is the best buy in each group below?

(a)



3 litres £1.68 2 litres £1.20 1 litre £0.62

(b)



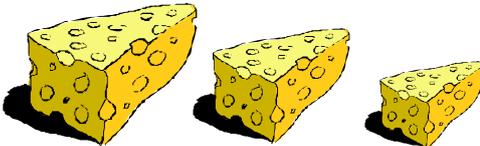
3 litres £1.74 1.5 litres 84p 0.8 litres 48p

(c)



550 g £8.20 350 g £5.60 200 g £3.60

(d)



0.8 kg £4.20 0.5 kg £2.80 0.3 kg £1.59

(e)



0.7 litres 40p 2 litres £1.39 4 litres £2.56

(f)



150ml £1.20 250ml £1.75 500ml £2.50

2. John and Anne are on holiday and consider hiring a car for **three** days to drive and visit friends in a neighbouring resort. They estimate they will drive a total of 160 miles.

They compare the cost of hiring from three different companies.

	Deposit Information	Cost to hire per day	Cost per mile travelled
Company 1	deposit £60 (returnable)	£25.60	£0.25
Company 2	deposit £50 (non-returnable)	£14.50	£0.11
Company 3	no deposit	£30.75	£0.19

(a) Which company should they choose?

(b) What is the difference in price between the cheapest and dearest company for this hire?

3. Alan is building a panel fence in his back garden.

The total length of the fence is exactly 18 metres.

He can either buy nine 2 metre wide panels which will require ten posts or twelve 1.5 metre wide panels which will require 13 posts.

He has two local building merchants from which to acquire the materials.

He constructs the following table to compare their prices.



merchant	single panel cost	post cost	fixing kit	delivery cost
Ace Merchants	2m - £43.00 each	£22.50 each	£18.50	£24.00
	1.5m - £35.00 each	£22.50 each	£20.50	£30.00
QB Supplies	2m - £40.50 each	£48 pack of 2	£20.75	£16.00
	1.5m - £32.00 each	£48 pack of 2	£24.00	?

- (a) If Alan decides on the 2 metre wide panels, which merchant is the cheapest and by how much?
- (b) He discovers that for the 1.5 metre wide panels the two merchants total prices are identical.

If this is the case, how much does QB Supplies charge for the delivery of the 1.5m wide panels and posts?

N5 Lifeskills Homework - Foreign Currency

Use the currency table opposite to answer the questions on this worksheet unless instructed otherwise.

1. Change each of the sums of money into the currency indicated :

- (a) £240 (euros) (b) £550 (dollars)
(c) £60 (yen) (d) £80 (rand)

2. Change each of these sums of money into pounds sterling :

- (a) 579 euros (b) 12040 yen
(c) 135 dollars (d) 799 rand

3. Mr and Mrs Wilson are taking their caravan to France.



- (a) They changed their £2400 spending money into euros. How many euros did they get?
(b) When they returned home they had 737 euros left. How much did they receive in pounds sterling for their euros?

4. A salesman travelling from Spain to America notices the same motorbike for sale, first in Spain, and then in America.

In Spain it is priced at 6014 euros and in America 7452 dollars.



In which country is the motorbike the cheapest and by how much?

5. In anticipation of going ashore, a tourist on board a ferry changed £65 into euros at the rate of 1.18 euros to the pound. She did not spend any money. When she returned to the ferry she changed her money back at the rate of 1.25 euros to the pound.

How much did she lose on the transfer?

6. In January a man bought American dollars to the value of £1960 when the exchange rate was 1.60 dollars to the pound. Before he went on his holiday in April he noticed that the exchange rate had become 1.65 dollars to the pound.

How many more dollars would the man have received if he had waited until April to exchange his money?



7. Julie went to France with £680 spending money. She changed her money into euros at the rate of 1.25 euros to the pound. She spent 667 euros while she was in France.

After exchanging her remaining euros into pounds sterling she returned home with £150.

What was the exchange rate on her return in euros to the pound?

N5 Lifeskills Homework - Loans and Credit

The *Nova Scotia Building Society* produces this table to help customers work out the repayments for their loan. The annual percentage rate (APR) is also shown.

NBS					
amount of loan (£)	12 months	24 months	36 months	48 months	APR %
500	46.13	25.26	18.38	15.01	20.9
1000	92.26	50.51	36.76	30.01	
3000	276.77	149.54	110.29	90.04	
5000	455.21	246.39	177.41	143.39	17.9
7000	637.29	344.94	248.37	200.74	
10000	902.24	484.52	346.3	277.94	15.9
15000	1353.37	726.79	519.45	416.91	

- Use the table to find the monthly repayments for a loan of
 - £7000 over 24 months.
 - £7500 over 48 months
- Gerry decides to borrow £5000 over 36 months.
 - Calculate the total amount of money that he has to repay.
 - How much interest in total has he paid?
- Ahmed can afford to pay up to £150 per month.
 - What is the maximum amount he can borrow as an exact amount from the table?
 - Over how many months can he make his repayments ?
- Part of Maria's credit card statement is shown below.

DATE OF TRANSACTION	DATE ENTERED	REFERENCE NUMBER	DESCRIPTION	AMOUNT	
30/10	30/10	SZ8154	Balance from previous statement Payment Received – Thank You	186.83 ?	
Balance brought forward				179.36	
15/10	15/10	KL1073	Mexican Hat Restaurant	34.72	
18/10	19/10	CA8051	HMX Record Shops	14.99	
27/10	27/10	TX7142	Saveway Superstores	78.93	
CREDIT LIMIT		AVAILABLE CREDIT	MINIMUM PAYMENT	TO REACH US BY	PRESENT BALANCE
£1500		?	?	05/04/15	?

- How much does Maria owe at the start of the month?
- How much did she make in payment?
- How much did she spend during the month?
- What should her present balance be?
- How much credit does she have available now?
- Her repayment each month is £10 or 4% of her balance (whichever is greater). How much should her minimum payment be this month ?

N5 Lifeskills Homework - Savings and Interest



1. Pegasys Building Society has **two** different high-interest savings schemes. Each scheme has its own interest rate and a particular rule for withdrawing your money.

Super Saver Scheme : Interest 3.4% p.a. - monthly withdrawals allowed.

Bumper Savings Scheme : Interest 3.8% p.a. - 3 months notice of withdrawal.

Flexible Savings : Interest 2.6% p.a. - no notice of withdrawal

John wants to split his savings of £2400 .

He decides to put half in the "Super Saver Scheme" and half in the "Bumper Savings Scheme". Calculate the **total interest** he will receive in a year from his two accounts.

2. Karen puts a sum of money into a high-interest savings account which has a fixed annual interest rate of 6.5%.

If at the end of the year she has £2769 in her account, how much money did she place in the account one year ago?

3. Michael invests his savings of £1800 in his local Building Society. It is a high-interest fixed rate account.

Calculate the total compound interest and final balance in his account if the fixed interest rate is 4.8% per annum and he leaves his money untouched for 3 years.

4. Fiona places her savings in her local bank. Her savings go into a high-interest account with a variable rate of interest.

Calculate the total compound interest and the balance in her account at the end of 3 years if she initially invests £3400 with interest rates of 2.1%, 2.7% and 3.0%.

5. Jane places £8000 in a savings account. The account has a fixed monthly rate of interest of 0.8%.

Immediately after the interest is added each month she withdraws £500 from the account.

How much money will she have in her account at the end of four months and immediately before she makes her £500 withdrawal for that month?

N5 Lifeskills Homework - Simple Probability & Relative Frequency

1. Five coloured beads are placed in a bag, two are red and three are green.
If a bead is drawn from the bag at random, calculate the probability that it is :

(a) green (b) red (c) red or green (d) blue?

2. If this spinner is spun, calculate :

(a) $P(7)$ (b) $P(1)$ (c) $P(\text{even})$
(d) $P(\text{odd})$ (e) $P(\text{prime})$ (f) $P(\text{less than } 4)$
(g) $P(6)$ (h) $P(\text{factor of } 24)$ (i) $P(\text{less than } 10)$



3. The probability of a cat having a litter of more than eight kittens is 0.24 .

(a) What is the probability of a cat having a litter of eight or less kittens?



(b) Out of 75 female cats, how many would you expect to have a litter of more than eight kittens?

4. There are 7 blue beads and 6 yellow beads in a bag.

A blue bead is drawn from the bag and **not** replaced.

What is the probability that the next bead drawn is also blue?

5. Melanie is involved in a traffic survey. Standing for one hour at the side of a busy road she records the numbers of each type of vehicle passing her position. The results are shown below.

Vehicle Type	Car	Van or Lorry	Bus
Number passing	494	228	38

(a) Calculate the relative frequency of cars passing.

(b) If during a second hour a total of 640 vehicles passed Melanie, how many of these vehicles would you expect to be buses?

6. A three-sided spinner is coloured Green, Red and Yellow.

(a) If it is spun **twice**, draw a tree diagram to show all the possible outcomes.

(b) How many possible outcomes are there?

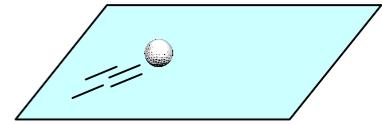
(c) Calculate i) $P(\text{two greens})$ ii) $P(\text{two colours the same})$ iii) $P(\text{two different colours})$.

N5 Lifeskills Homework - Mean & Standard Deviation

1. A sample of twelve golf balls were artificially tested by rolling them across a flat area. The distance travelled, in metres, by each ball, was recorded.

The data gave the following summary totals:

$$\sum x = 48 \qquad \sum x^2 = 192.38$$



- (a) Calculate the mean and standard deviation, giving your answer correct to 2-decimal places where necessary.
- (b) Another sample of twelve balls has a mean distance of 4.30m and a standard deviation of 0.81. How, with consistency in mind, does this second sample compare with the first?
2. The number of people per hour, for the first eight hours, turning up to vote, at a remote polling station, in the Scottish Local Council elections is shown below.

38 47 46 82 75 74 76 66



- (a) Find the mean and standard deviation for the data given above.
- (b) The same information was taken, at the same polling station, over a similar eight hour period during the previous election.

The mean number of people per hour voting then was 58 and the standard deviation was 14.2.

Make **two comparisons** between the data recorded over these two elections.

3. A sample of fifteen matchboxes was chosen from an assembly line. The number of matches in each box was recorded. The results are shown below.

65 63 66 62 61 61 62 62
63 64 59 61 60 63 64

- (a) Calculate, correct to 3 significant figures, the mean and standard deviation of this sample.
- (b) Boxes which contain **less than** one standard deviation of matches below the mean are to be discarded and refilled. How many boxes in this sample would be discarded?

N5 Lifeskills Homework - Interquartile, Semi-Interquartile Range & Boxplots

1. The life-span (in months) of a sample of eleven lightbulbs is shown below.

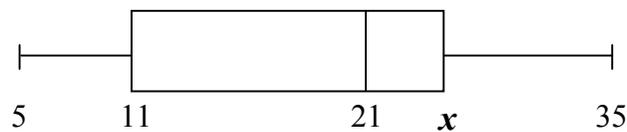
2 3 6 7 8 8 9 11 12 14 17

- (a) Create a five-figure summary for this data.
 (b) Calculate: i) the range ii) the interquartile range iii) the semi-interquartile range.
2. Darren and his friend Josef played a round of crazy golf last week.

Here are the number of strokes Darren took for each hole:

4 2 3 5 2 4 2 6 1
 7 4 2 3 4 2 5 2 4

- (a) Find the lower quartile, median and upper quartile of the above data.
 (b) Construct a box-plot for the data.
 (c) Calculate the semi-interquartile range.
3. The boxplot shows the number of hours of TV watched in a week by a group of students.



Given that the semi-interquartile range for this data is 7, find the value of the missing upper quartile x .

4. A survey is undertaken to investigate the total delivery time, **in days**, from order to arrival of customised computer systems, ordered from two different web based companies. The survey was conducted over a single financial year.

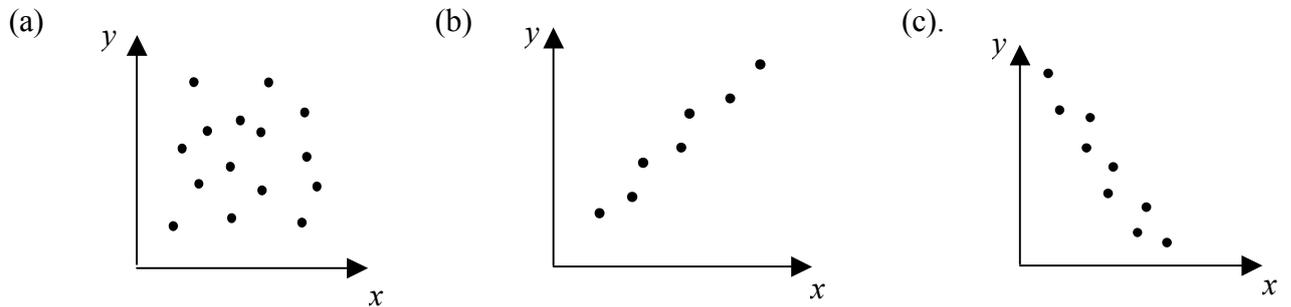
The following data was obtained.

Company	Minimum (no. of days)	Maximum (no. of days)	Median	Lower Quartile	Upper Quartile
<i>MEGASYS Ltd</i>	12	42	28	22	32
<i>RAM-BO</i>	14	38	25	18	34

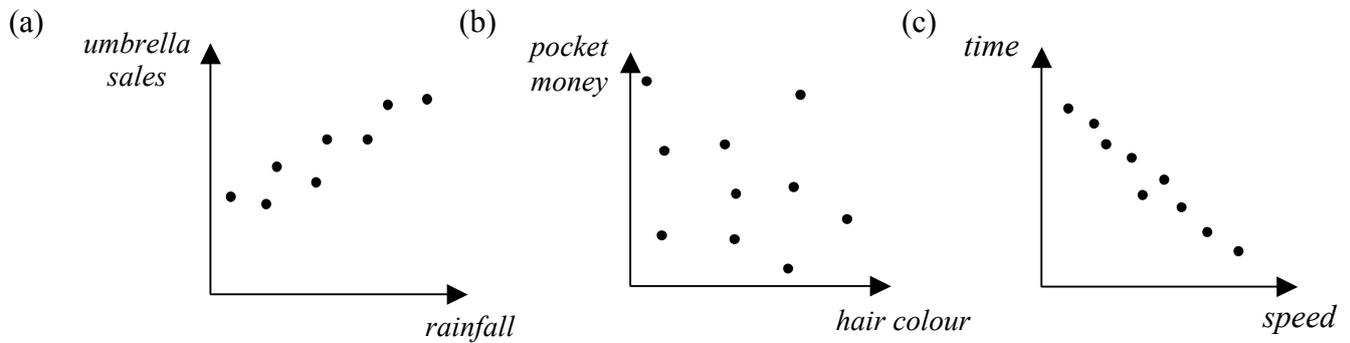
- (a) Draw an appropriate statistical diagram to illustrate these two sets of data.
 (b) Calculate the semi-interquartile range for *Megasys Ltd*.
 (c) Which company showed a better consistency of delivery? **Give a reason for your answer.**

N5 Lifeskills Homework - Scatter Diagrams and Lines of Best Fit

1. Using the words positive, negative or no relation, describe the correlation in each of the diagrams below.



2. What do the diagrams tell you about the correlation between the two variables involved?



3. The results below show the length of a spring when a force is applied.

Force (F)	1	2	3	4	5	6
Length (l)	3.0	3.9	4.8	5.9	6.9	8.1

- (a) Plot the points on a graph and draw the best fitting straight line through them.
 (b) Use your line to estimate the length of the spring when a force of 4.5 is applied.

4. The results of an experiment are shown in the table below.

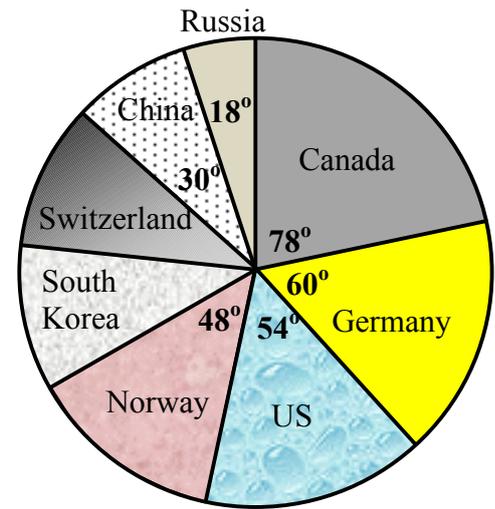
V	0	0.35	0.6	0.95	1.2	1.3
R	0.60	0.48	0.33	0.18	0.11	0.05

- (a) Plot the points on a graph and draw the best fitting straight line through them.
 (b) Use your line to estimate R when V is 0.8.

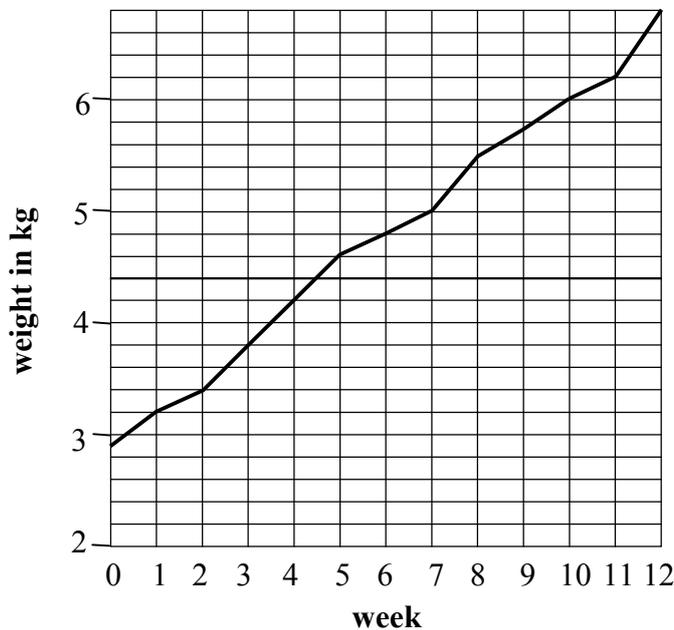
N5 Lifeskills Homework - Statistical Diagrams

1. The pie chart shows the number of gold medals won by 8 countries in the 2010 Winter Olympics.

- If Norway won 8 gold medals, how many did Canada win?
- South Korea and Switzerland won the same number of gold medals. What percentage of the gold medals did each of these countries win?



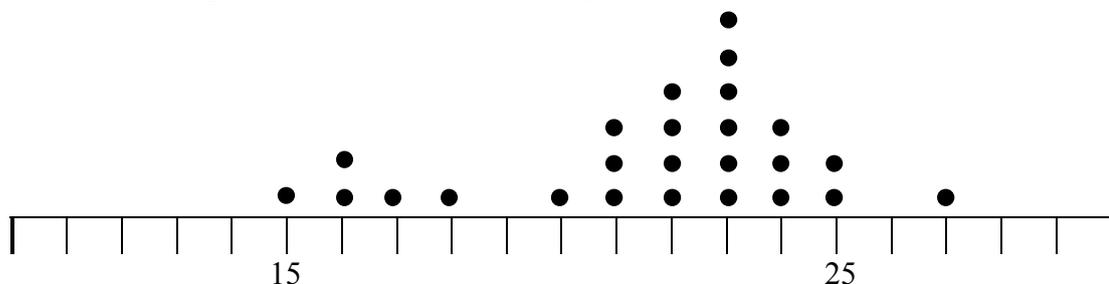
2.



The graph shows the increase in a baby's weight over its first few weeks.

- What was the baby's birth weight?
- What did the baby weigh after
 - 5 weeks
 - 12 weeks.
- How much weight did the baby put on between week 3 and week 7?
- Between which 2 consecutive weeks was the greatest increase in weight?

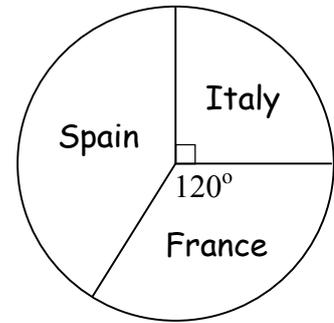
3. A supermarket sells packs of strawberries. A spot check was carried out on 25 packs. The results of the inspection are shown in the dot plot.



- What is the least and greatest number of strawberries in a pack?
- Which amount occurred most often?
- If a pack is picked at random what is the probability that it will contain 22 strawberries?
- What percentage of the packs contained more than 23 strawberries?

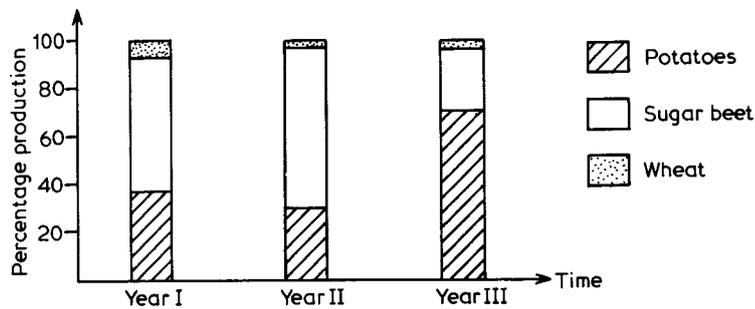
4. 60 people were surveyed and asked for their favourite holiday destination.

The results are shown in the pie chart.



- (a) How many people went to Italy on holiday?
 (b) How many more people went to Spain than Italy?

5. The composite percentage bar graph below shows the comparable percentage production of three different crops on a farm over a three year period.



Percentage bar chart on crop production

- (a) In which year was the sugar beet production at its highest relative to the other two crops?
 (b) If in year three the total tonnage of all three crops was 2850 tonnes, estimate the tonnage of potatoes produced in that year.

ANSWERS

N5 Lifeskills Homework - Budgeting, Planning, Choice and Cost

- (a) £276 (b) £2430 (c) £8
- (a) loss of £123 (b) £10.25
- £2.50
- £1459.50
- (a) £80 (b) 4 adults

N5 Lifeskills Homework - Wages & Commission

- £558
- £213.30
- £2456
- 12 hours
- (a) £7.80 (b) 5.5 hours

N5 Lifeskills Homework - Deductions and Wage Slips

- (a) £20700 (b) £345
- £618.92
- (a) £374.50 (b) £30.60 (c) £287; 76.6%
- £385 (A); £198 (B); £618 (C); £92.70 (D); £189.39 (E); £428.61 (F)

N5 Lifeskills Homework – Best Buy and Best Deal

- (a) 3 litres (b) 1.5 litres (c) 550g
(d) 0.8kg (e) 0.7 litres (f) 500 ml
- (a) Company 2 (b) £11.55
- (a) QB supplies by £13.25 (b) £19

N5 Lifeskills Homework – Foreign Currency

- (a) 297.60 euros (b) \$891
(c) 10112.40 yen (d) 1368 rand
- (a) £466.94 (b) £71.44
(c) £83.33 (d) £46.73
- (a) 2976 euros (b) £594.35
- cheaper in America by £250
- £3.64 lost
- 98 dollars
- 1.22 euros to the pound

N5 Lifeskills Homework – Loans and Credit

- (a) £344.94 (b) £215.75
- (a) £6386.76 (b) £1386.76
- (a) £3000 (b) 24 months
- (a) £186.83 (b) £7.47 (c) £128.64
(d) £308 (e) £1192 (f) £12.32

N5 Lifeskills Homework – Savings and Investments

1. £86.40
2. £2600
3. Final balance: £2071.84; Interest: £271.84
4. Final balance: £3672.08; Interest: £272.08
5. £6734.96

N5 Lifeskills Homework – Simple Probability and Relative Frequency

1. (a) $\frac{3}{5}$ (b) $\frac{2}{5}$ (c) 1 (d) 0
2. (a) $\frac{1}{8}$ (b) $\frac{1}{4}$ (c) $\frac{3}{8}$ (d) $\frac{5}{8}$
(e) $\frac{3}{8}$ (f) $\frac{1}{2}$ (g) 0 (h) $\frac{3}{4}$ (i) 1
3. (a) 0.76 (b) 18cats
4. $\frac{1}{2}$
5. (a) 0.65 (b) 32 buses
6. (a) check pupil diagram (b) 9 (c) $\frac{1}{9}$ (d) $\frac{1}{3}$ (e) $\frac{2}{3}$

N5 Lifeskills Homework – Mean and Standard Deviation

1. (a) Mean: 4 metres; SD: 0.35 (b) Less consistent than the first sample
2. (a) Mean: 63; SD: 16.8 (b) On average the number of people voting per hour was less and also less consistent
3. (a) Mean: 62.4; SD: 1.88 (b) 2 boxes

N5 Lifeskills Homework – Interquartile, Semi-Interquartile Range and Boxplots

1. (a) 2, 6, 8, 12, 17 (b) (i) 15 (ii) 6 (iii) 3
2. (a) 2, 3.5, 4 (b) Boxplot drawn
(c) 1
3. 25
4. (a) Boxplots drawn (b) 5 (c) Megasys Ltd as SIQR is smaller

N5 Lifeskills Homework – Scatter Diagrams and Lines of Best Fit

1. (a) No relation (b) Positive (c) Negative
2. (a) Higher rainfall – higher umbrella sales
(b) No relation between hair colour and pocket money
(c) The faster you travel the less time a journey takes
3. Graph drawn; 6.25 [answer will depend on line drawn]
4. Graph drawn; 0.3 [answer will depend on line drawn]

N5 Lifeskills Homework – Statistical Diagrams

1. (a) 13 golds (b) 10%
2. (a) 2.9kg (b) (i) 4.6kg (ii) 6.8kg (c) 1.2kg (d) 11 and 12
3. (a) least: 15; most 27 (b) 23 (c) $\frac{4}{25}$ (d) 24%
4. (a) 15 (b) 10 more people
5. (a) year 2 (b) 1995 tonnes