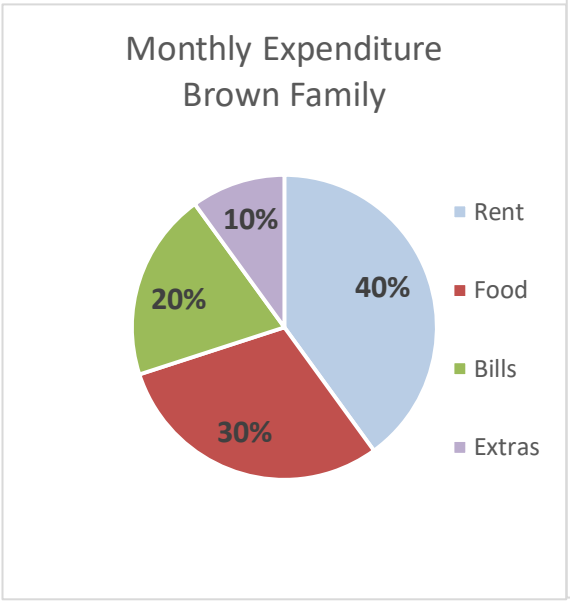
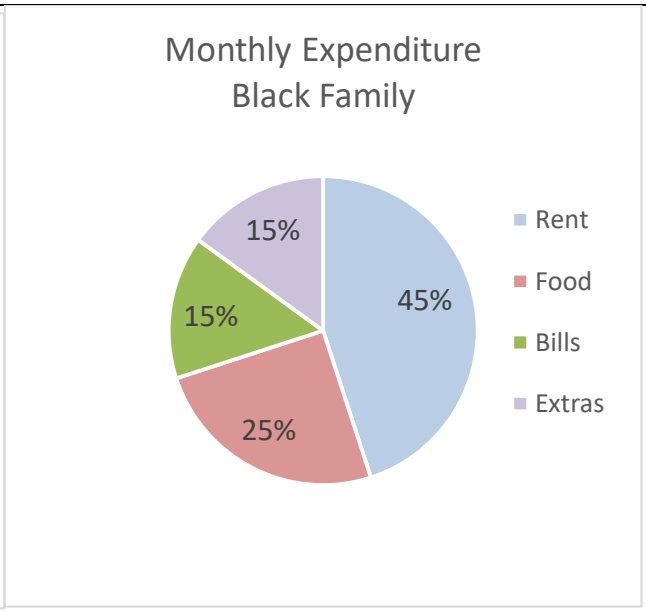
	Student Practice Test 1 - Calculator Paper National 4 Applications
1	Gemma and Tiegan are going on a school trip to Barcelona and they both have £200 to change into euros. Gemma changes her £200 at a travel agent and she receives 224 Euros (a) What exchange rate did Gemma get? Tiegan changes her £200 online with travelex.co.uk. Travelex.co.uk charge Tiegan a fee of £4 and then change the rest at a rate of £1 = 1.11 euros (b) Work out how many euros Tiegan will get from Travelex (c) State which girl gets the best deal for their money, and give a reason for why you think they get the best deal?
2	The Jones family are flying to Paris for Easter and their flight leaves at 11.20 am They have to be at check in at least 70 minutes before the flight leaves. They have estimated that: their journey to the airport will take 50 minutes, parking at the multi-storey will take 5 minutes and the bus transport from parking to the terminal will take 10 minutes. When is the latest time they should leave home in order to make their flight?

3





The Black Family spend £520 on Food. Calculate their total expenditure

The Brown family have monthly expenses of £2100. How much of this do they spend on Rent?

Which family pays the most money for their rent?

4

Devon works at Nandos. She is paid £7.44 per hour for a basic 120 hour month. Overtime is paid at "time and a half" and last month she worked 8 hours overtime.
Use this information to complete Devon's payslip and work out her net pay for the week.

Name: D Carter		NI Number: NH774015b	
Income		**Deductions**	
Basic	£	Income Tax	£ 77.52
Overtime	£	National Insurance	£ 39.59
Gross Pay	**£**	**Total Deductions**	**£**
		NET PAY	**£**

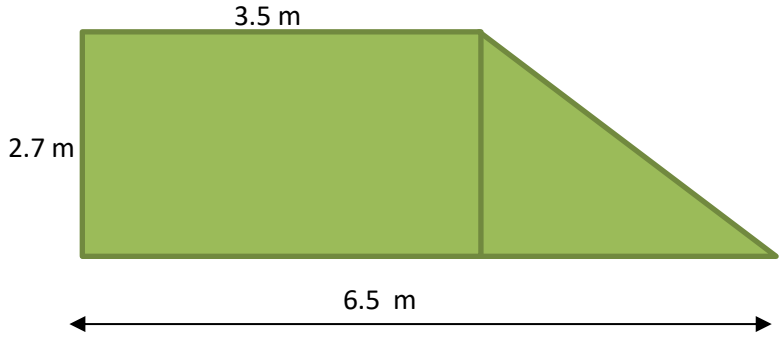
5 A school charities group decide to have a car wash to raise funds.
They plan to charge £5 per car and £7 per van. They also plan to sell cans of juice for £0.60 per can.
Their expenses are: Soap and sponges £26, £25 for juice

On the day they washed 36 cars, 6 vans and sold 100 cans of juice. Use this information to complete the financial statement below

INCOME		**EXPENDITURE**	
Item	**Amount (£)**	**Item**	**Amount (£)**
Total Income		**Total Expenditure**	

How much money did they actually raise for their charity?

6 Shown here is a plan for a garden



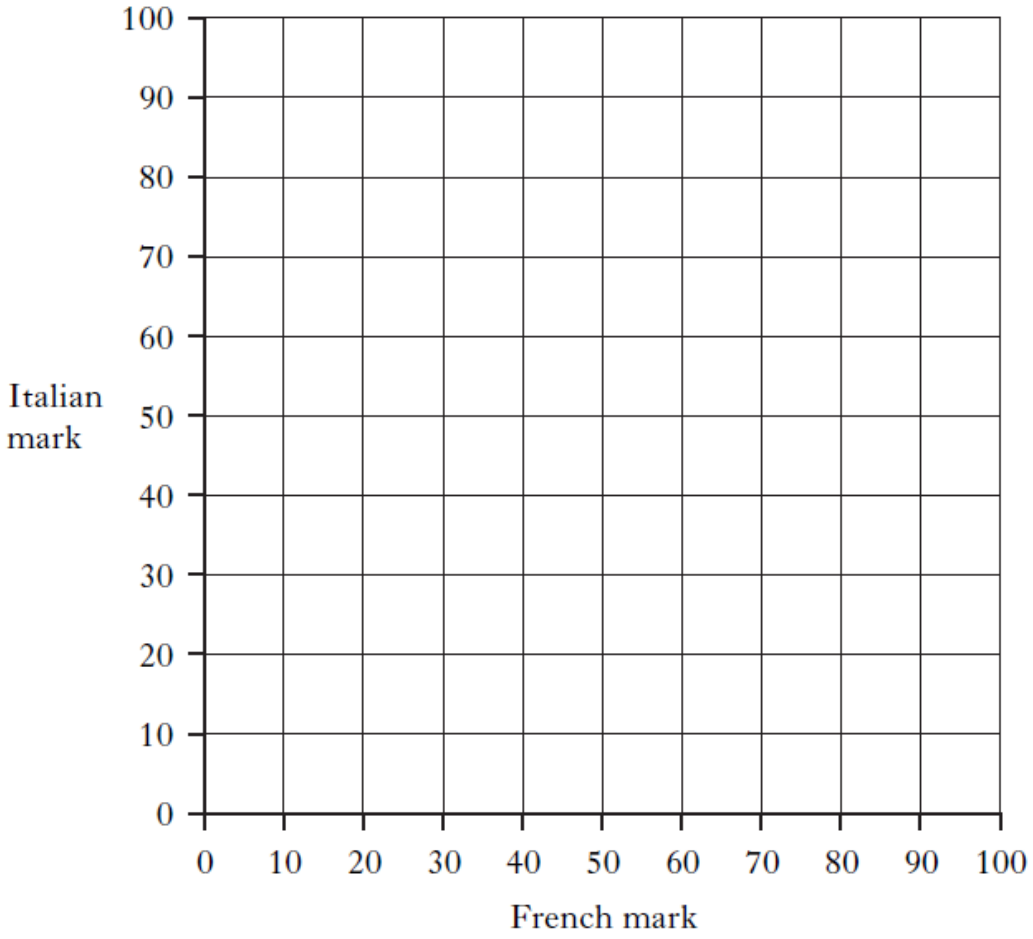
(a) Calculate the area of the garden

(b) New turf will cost £20.00 per square metre, what will it cost to turf the garden

7 The table below shows the marks scored in French and Italian for a group of S4 pupils

Pupil	A	B	C	D	E	F	G	H
French	15	20	26	30	35	40	44	50
Italian	20	22	20	35	30	42	50	40

(a) Use these marks to draw a scattergraph

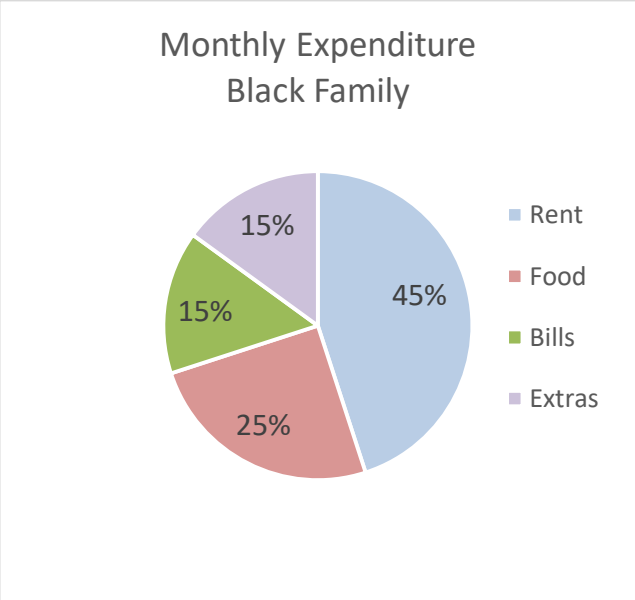


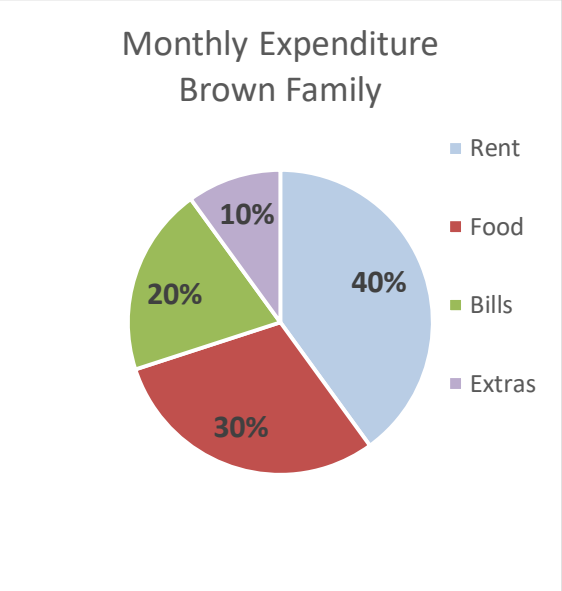
(b) Draw a line of best fit on your scattergraph

(c) Use your line of best fit to estimate a pupils Italian mark if they got 45 in their french exam.

	Student Practice Test 2 - Calculator Paper National 4 Applications
1	Islay and Iona are going on a school trip to Madrid and they both have £200 to change into euros. Islay changes her £200 at the Post Office and she receives 222 Euros (a) What was Islay's exchange rate? Iona changes her £200 online with travelex.co.uk. Travelex.co.uk charge a fee of £2.50 and then change the rest at a rate of £1 = 1.10 euros (b) Work out how many euros Iona will get from Travelex (c) State which girl gets the best deal for their money, and give a reason for why you think they get the best deal?
2	The Jones family are flying to London for Easter and their flight leaves at 11.40 am. They have to be at check in at least 60 minutes before the flight leaves. They have estimated that: their journey to the airport will take 35 minutes, parking at the multi-storey will take 10 minutes and the bus transport from parking to the terminal will take 15 minutes. When is the latest time they should leave home in order to make their flight?

3





(a) The Black Family spend £450 on Food. Calculate their total expenditure

(b) The Brown family have monthly expenses of £2000. How much of this do they spend on Rent?

(c) Which family pays the most money for their rent?

4

Elizabeth works at Nandos. She is paid £8.02 per hour for a basic 120 hour month. Overtime is paid at "double time" and last month she worked 6 hours overtime.
Use this information to complete Elizabeth's payslip and work out her net pay for the week.

Name: E Smith		NI Number: NH774015b	
Income		**Deductions**	
Basic	£	Income Tax	£ 77.52
Overtime	£	National Insurance	£ 39.59
Gross Pay	**£**	**Total Deductions**	**£**
		NET PAY	**£**

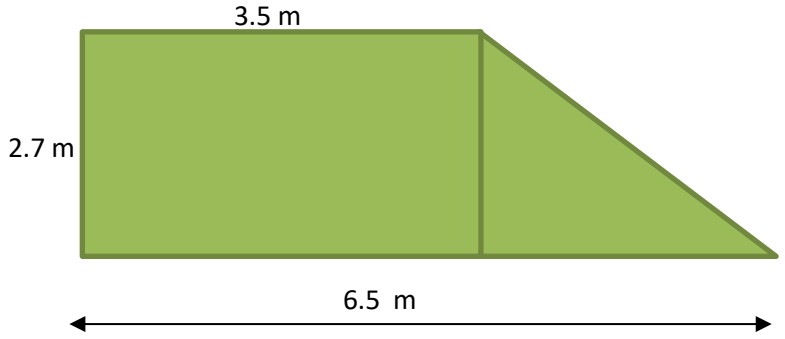
5 A school charities group decide to have a car wash to raise funds.
They plan to charge £5 per car and £7 per van. They also plan to sell cans of juice for £0.60 per can.
Their expenses are: Washing materials £37, £45 for juice

On the day they washed 32 cars, 5 vans and sold 150 cans of juice. Use this information to complete the financial statement below

INCOME		**EXPENDITURE**	
Item	**Amount (£)**	**Item**	**Amount (£)**
Total Income		**Total Expenditure**	

How much money did they actually raise for their charity?

6 Shown here is a plan for a garden



(c) Calculate the area of the garden

(d) New turf will cost £20.00 per square metre, what will it cost to turf the garden