



S1

CfE Level 3

Working at Home Workbook

Money

Learning Intention To be able to -
Calculate different salary rates
Calculate bonuses and wage rises
Use percentages to calculate commission due
Calculate wages, including overtime
Calculate Gross Pay, Net Pay and Deductions

Calculate Different Salary Rates

Question 1

Complete the following table based on working **35 hours a week**.

	Hourly Rate	Weekly Pay	Monthly Pay	Annual Salary
1	£16.40			
2		£752.50		
3			£3731	
4				£33 215
5	£9.75			
6				£57 148
7			£3 185	
8		£467.25		

Question 2

Stevie's monthly pay at Electo Electronics is £1430.

Billy works part-time and his payslip shows he earns £256.25 every week.

Calculate who gets paid more **per annum** and by **how much**.

Question 3

William earns £41 990 per annum. He works 38 hours per week. He says that he gets £21.75 an hour. Is he correct? Explain by calculations.

Question 4

Search online for different occupations. Work out how much you would earn each month and each week.

Calculate bonuses and wage rises

Question 1

Frank makes cabinets. He is paid £560 per week. If he makes between 50 and 60 cabinets in a week he gets a bonus of £120 and if he makes more than 60 he gets a bonus of £160.

a) How much bonus will Frank get if he makes:

i) 55

ii) 48

iii) 65 cabinets?

b) What will he be his total pay in the week he made 56 cabinets?

Question 2

During a hotel re-fit a plumbing company was paid £750 per day. The re-fit should take 21 days.

a) How much will they be paid for 21 days work?

They are paid a bonus of £2000 if they can finish in 18 days.

b) How much will they be paid if they can finish in 18 days?

Question 3

Wilma sells cars. She is paid £950 per week. She earns a bonus of £50 for every car she sells **over** 10 in a week.

How much will she be paid in the week where she sells

a) 9 cars

b) 13 cars

c) 17 cars?

Question 4

Complete the following table on pay rise

	Current annual salary	Percentage increase	New Salary
1	£16 500	2%	
2	£18 520	4%	
3	£24 350	1.5%	
4	£45 890	1.2%	

Use percentages to calculate commission due

Question 1

Without a calculator work out the following:

- | | | |
|------------------|------------------|-----------------|
| a) 10% of £200 | b) 20% of £750 | c) 50% of £56 |
| d) 30% of £120 | e) 20% of £125 | f) 40% of £346 |
| g) 70% of £15400 | h) 80% of £12555 | i) 90% of £3420 |

Question 2

Using a calculator work out the following:

- | | | |
|-----------------|------------------|-----------------|
| a) 15% of £230 | b) 17% of £123 | c) 35% of £1230 |
| d) 56% of £247 | e) 18% of £12.50 | f) 12% of £67 |
| g) 2.5% of £230 | h) 0.5% of £40 | i) 3.5% of £12 |

Question 3

Diana sells sofas. She is paid 8% commission on all sales.

How much **commission** is she due for selling £850 worth of goods ?

Question 4

Mr Amstrad sells computers and gets a basic weekly pay of £450 plus 5% commission on all sales **over** £5000.

Calculate his wage for a week in which he sells £8500 worth of computers.

Question 5

Chuck works for a currency exchange agency in Arizona USA.

He gets a basic \$1150 per month plus 1.5% commission on all exchanges **over** \$6000.

Calculate his wage for a month in which he exchanges :-

- | | | |
|----------|----------|-------------|
| a \$5400 | b \$9500 | c \$20 000. |
|----------|----------|-------------|

Calculate wages, including overtime

Question 1

Work out how much per hour you would get for the overtime rate stated:

	Basic Hourly Rate	Overtime Rate
A	£12.60	Double time
B	£9.30	Treble Time
C	£16.40	Time and a half
D	£9.90	Double Time
E	£13.70	Time and a half
F	£24.90	Time and a half

Question 2

Complete the overtime payments for the following:

Name	Basic Hourly Rate	Overtime Rate	Number of Hours
Maggie	£13.50	Double	6
Jax	£18.70	Time and a Half	8
Wilf	£15.40	Treble	7
Roxi	£22.45	Time and a Half	12

Question 3

Sheila is a car mechanic getting a basic rate of £18 per hour and works 36 hours per week. Overtime is paid at **double time**. Last week she worked 7 hours overtime.

What was her total weekly pay ?

Question 4

Lillian repairs furniture for a living. She works a 40 hour week for a basic rate of £14.20 per hour.

She also works 4 hours on a Saturday at **time and a half** and 5 hours on a Sunday at **double time**.

Calculate Lillian's :-

a basic earnings

b earnings for a Saturday

c Sunday's earnings

d total pay for the week.

Calculate Gross Pay, Net Pay and Deductions

Question 1

Calculate the net pay for the following:

Name	Gross Pay	Deductions
Carlos	£1650	£330
Kieran	£2380	£476
Flora	£980	£147
Jessi	£2445	£489

Question 2

PAYMENTS	UNITS	RATE	AMOUNT
Gross pay	35	14.60	511
Overtime			
Bonus			150
Commission			
Total Gross Pay			

DEDUCTIONS	AMOUNT
Income Tax	85
National Insurance	28
Pension	19.20
Total Deductions	

Net Pay	
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Question 3

PAYMENTS	UNITS	RATE	AMOUNT
Gross pay	40	18.40	
Overtime	10	27.60	
Bonus			
Commission			
Total Gross Pay			

DEDUCTIONS	AMOUNT
Income Tax	130
National Insurance	54
Pension	18.40
Total Deductions	

Net Pay	
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