

CHAPTER 13



Exercise 1

Wages & Salaries



1. Calculate each person's hourly rate :-

- a Jill earns £338 for a 40 hour week.
- b Jack works 38 hours a week and gets £446.88.
- c Samia earns £555.30 after working 45 hours.



2. a Charles is a carpenter's assistant with a rate of pay of £8.75 per hour. If he works a basic 40 hours every week, how much does he get paid weekly ?
- b Bill gets a weekly wage of £246.76. Ben works 36 hours at £7.14 per hour. Who gets paid more per week and how much ?
- c Azad works 45 hours per week as a surveyor's assistant for £12.63 per hour. Calculate his :- (i) weekly wage (ii) annual wage.

3. Calculate the weekly wage for each person below :-

- a Zara earns £23 777 p.a.
- b Pete has an annual salary of £15 834
- c Jo earns £11 555.44 p.a.
- d Last year Kay earned £31 865.60.

4. Kirsty works as a cleaner for the Council. She earned £236.04 last week for her 42 hours.

- a Calculate her **hourly** rate of pay.
- b This week she only worked for 26 hours. How much pay is she due this week ?



5. During the month of March, Gareth worked 36 hours the 1st week, 42 hours the 2nd week, 28 hours the 3rd week and 44 hours the 4th week.

- a How many hours did Gareth work altogether in March ?
- b If his total wage for the month was £1530, calculate Gareth's hourly rate of pay.



Exercise 2

Earning More Money



1. Stavros earns £1223 a month. His Xmas bonus was £265.
How much did he earn in December ?

2. Elle earns £32 650 per annum as a solicitor.
Last year she was given bonuses
of £350, £475 and £1870.
What was her total earnings for last year ?



3. Calculate each of these **without** a calculator :-

a 10% of £45

b 75% of £884

c 5% of £6800

d $66\frac{2}{3}\%$ of £1260.

4. Find these using a calculator :-

a 37% of £8460

b 13% of £3700

c 22.5% of £5650

d 36% of £10.5 million.

5. Julian earned £21 500 last year. This year he was given a 6% pay rise.
How much will Julian earn this year ?

Exercise 3

Earning Commission



1. Sally is paid 4% commission on all sales. Work out her commission on :-

a £18 600

b £25 000

c £62 000

d £140 000.

2. Calculate the commission earned for each of the following :-

a Darren gets 5% commission and sells £136 000 of goods.

b Sadie sells £210 000 worth of cars and gets 3% commission.

c Eilidh gets 7.5% commission on £142 600.

3. Last year, Bud sold £176 000 worth of furniture.

How much more money would he have
received if his commission was based
on 6% rather than 5.5% ?



Exercise 4**Earning Extra Money - Overtime**

1. Calculate each person's overtime for the following :-

	Ryan	Joanne	Jamie	Lucy
Rate per hour	£8.75	£14.70	£18.90	£22.60
Overtime	double time	treble	time & a half	treble
Hours worked	8	7	12	9

2. Kevin works 9 am to 5 pm (Monday to Friday) with one hour per day off for lunch (unpaid). He works for 4 hours on a Saturday at time and a half. His hourly rate of pay is £11.25 per hour.



How much did he earn last week ?

3. Danny earns £11.78 per hour. The table shows his overtime rates :-

Last week Danny worked :-

Mon - Fri	9 am - 5 pm
Tues	6 pm - 9 pm
Sat	1 pm - 4 pm
Sun	11 am - 5 pm

Evening (after 6 pm) - time and a half

Saturday - Double time

Sunday - Treble time

How much was his total pay last week ?

Exercise 5**Gross Pay, Net Pay & Deductions**

1. Calculate each of the following annual net (take-home) pay :-

- Keri earns £15000 per annum and has £3765 deductions.
- Len has deductions of £7865 from his annual salary of £29600.

2. Josh works as an architect and earns an annual gross salary of £34740.

His deductions are :-

*Income tax £4863.60, N.I. £137.25,
Superannuation - 6% of gross wage.*

- Calculate his total deductions.
- Calculate his net pay.
- Why does Josh pay superannuation ?



3. Olivia works as a secretary for £12.40 per hour for 38 hours. She worked 10 hours overtime at time and a half last week. Her total deductions were £211.45. Calculate her total net pay for last week.



4. Gus has a gross weekly pay of £475.80 and a net pay of £341.91. He paid Income tax of £66.50, Superannuation at 5% of his gross pay as well as NI. How much did he pay in NI (National Insurance) ?

Revisit - Review - Revise Exercise 13



1. a Zak get paid £27 750 per annum. How much is his monthly pay ?
 b Joy receives £1074 per month. How much is her annual salary ?
 c Ali gets a rate of £8.76 per hour. How much would he earn after 50 hours ?

2. Bo gets an hourly rate of £11.75. Last week she worked 38 hours a week and did 6 hours overtime paid at time and a half. What was her total wage last week ?



3. Ian has a gross wage of £22 456. He has total deductions of £4741. Calculate his net (take-home pay).
4. Gary has a net pay of £34 675. His gross wage is £41 780. Calculate his deductions.

5. Miss Blinky has a gross income of £20 600. Her Income tax is £3035, her National Insurance is £1186 and her superannuation is 6% of her gross pay.
- a Calculate her superannuation payment.
 b Calculate her net pay.



6. Emily bought a second hand car and paid £137.65 every month for 4 years. The cash price was £5855. How much would she have saved if she could have paid cash ?