

Chapter 2

Exercise 1A

- 1 a (i) £2625
(ii) £2137.5
b (i) £134.80
(ii) £4897.30
- 2 a £730
b £8760
- 3 a £3728.40
b £13062
c £9333.60
- 4 a £602.70
b £636.40
- 5 £2628.85
- 6 a £1140
b (i) £5505
(ii) Unlikely to sell 4 paintings per month.
- 7 a 43
b £222.07
- 8 a (i) £3706.80
(ii) 65.3%
b £52314
- 9 a £11475000
b £3680
- 10 a £11036.81
b 9.2%
- 11 a £23.48
b £135.20
- 12 a £186.11
b (i) £265.92
(ii) 42.9%

Exercise 2B

- 1 a £19443
b £3888.60

- 2 a £11388
b £2277.60
- 3 a £176265
b £3525
c £24100
- 4 a £27790
b £5558
- 5 a £12400
b £2480
c £206.67
- 6 a £22020
b £4404
c £367
- 7 a £38588
b £9062.20
- 8 a £47845
b £12765
c £1063.75
- 9 a £54166
b £15293.40
c £1274.45
- 10 a £172550
b £63774.50
- 11 a £3440000
b £1534127
c £127843.92
- 12 a £205350
b £195350
c £74034.50
- 13 a £11484.20
b £1484.20
c £296.840
d £0 as he has no taxable income i.e. he earns less than his personal allowance
- 14 a (i) £21718
(ii) £4343.60
b 13.69%

Exercise 2C

- 1 a £1043.28
b £1887.36
c £1617.72
d £5278.36
e £4859.74
- 2 a £88.29
b £30.10
c £60.58
d £18.63
- 3 £9.02
- 4 a £1120.92
b £93.41
- 5 £289
- 6 £435
- 7 a £3511.08
b (i) £3689.74
(ii) £178.63

Exercise 2D

- 1 a £365.32
b £52.39
c £312.93
- 2 a £2410.58
b £671.70
c £1738.88
d 6%
- 3 a £348.09
b £2811.72
c 70.1%
- 4 a £2009.33
b (i) £14112
(ii) £2822.40
(iii) £235.20
c (i) £1938.72
(ii) £161.56
d £100.47

e

Payments	Value	Deductions	value		
Basic pay	2009.33	Income tax NI Pens	235.20 161.56 100.47		
Gross pay	2009.33	Total deductions	497.23	Net Pay	1512.10

- 5 a £205.50
b (i) £10686
(ii) £686
(iii) £137.20
(iv) £2.64
- c £6.30
d £8.22

e

Payments	Value	Deductions	value		
Basic pay	205.50	Income tax NI Pens	2.64 6.30 8.22		
Gross pay	205.50	Total deductions	17.16	Net Pay	188.34

- 6 a (i) 33 (iii) £1157.60
 (ii) £346.50 (iv) £22.26
 b (i) £18018 c £23.22
 (ii) £5788 d £19.06

e

Payments	Value	Deductions	value		
Basic pay	346.50	Income tax NI Pens	22.26 23.22 19.06		
Gross pay	346.50	Total deductions	64.54	Net Pay	281.96

- 7 a £283333.33 c (i) £71231.28
 b (i) £3390000 (ii) £5935.94
 (ii) £1511627 d £4250
 (iii) £125968.92

e

Payments	Value	Deductions	value		
Basic pay	283 333.33	Income tax NI Pens	125 968.92 5935.94 4250		
Gross pay	283 333.33	Total deductions	136 154.86	Net Pay	147 178.47

f 51.95%

Activity

- 1 a £2500
 b (i) £20000
 (ii) £4000
 (iii) £333.33
 2 a (i) £2645.28
 (ii) £220.44
 b £125
 3 a £2500
 b £678.77
 c £1821.23

4 a fixed

rent	600
council	200
gas + elect	100
phone	40
travel	240
TV	15

variable

supermarket	300
clothes	60
going out	50
other	30
savings	25

total exp 1660

4 b 2 bedroom flat 600 already included

c fixed

rent	600
council	100
gas + elect	80
phone	40
travel	240
TV	15

variable

supermarket	300
clothes	60
going out	50
other	30
savings	25

total exp 1540

4 d 2 bedroom flat, new car = 250

fixed

rent	600
council	100
gas + elect	80
phone	40
travel	250
TV	15

variable

supermarket	300
clothes	60
going out	50
other	30
savings	25

total exp 1550

5 Supermarket £300

6 internet	15
clothes	40
tv	16
meals out	25
cinema	7
dvd	8
games	27
tot =	138

adjust main table:

fixed

rent	600
council	100
gas + elect	80
phone	40
travel	250
TV	16

variable

supermarket	300
clothes	40
going out	25
other + games	57
savings	25
cinema + dvd	15

total exp 1548

7 a savings = $1821 - 1548 = 273$

b Table works

c student exercise