# Financial mathematics - earning money Student Book - Series L

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Author of The Topics and Topic Tests: AS Kalra	

# Financial mathematics - earning money

topic 1 -	Sararies
<b>Q</b> иевтюм	John's annual salary is \$43 550. How much is he paid each week?
QUESTION :	Amie receives a salary of \$72 852 p.a. What is her gross fortnightly pay?
Question (	3 Jenny earns \$659 per week. What is her annual salary?
QUESTION 4 a How m	4 Mladdin is on a salary of \$67 440 p.a. paid monthly. uch does he receive each month?
b Mladdii	n works 200 hours each month. How much does he receive per hour?
Question ! a How m	5 Last year the chief executive of a bank received a total remuneration package of \$7 774 624, uch is this per week?
b A news	paper headline read: 'Bank boss paid \$21 300 a day'. Is this correct? Justify your answer.
QUESTION ( a annual	3 Daniel receives \$3240 per month. Find his:

### Topic 2 - Wages

Quesтюн 1	Angela works a basic week of 40 hours and her hourly rate of pay is \$12.50. Calculate her weekly wage.
Question 2	Michael works 35 hours per week and his weekly wage is \$756. Find his hourly rate of pay.
QUESTION 3	A painter works a 38-hour week for an hourly rate of \$15.95. Find his total weekly wage.
QUESTION 4	Susan works in a shop and is paid \$12.40 per hour. Calculate Susan's wage in a week when she works 40 hours.
QUESTION <b>5</b>	Cleve works 8 hours a day and a nine-day fortnight. If his pay rate is \$23.15 per hour, what is his fortnightly pay?
Question <b>6</b>	Petra is paid \$1845.90 per fortnight. If she works 35 hours per week, what is her hourly rate of pay?
Quesтон <b>7</b>	Yousef is paid \$163.50 for working $7\frac{1}{2}$ hours. What will he be paid for working 5 hours at the same rate of pay?
Question 8	Reno works 6 hours on Monday, 8 hours on Tuesday, 7 hours on Wednesday, 9 hours on Thursday and 6 hours on Friday. If he is paid \$18.20 per hour, what is his weekly pay?

# Financial mathematics - earning money

### Topic 3 - Overtime

Qı	JESTION 1	A man is paid a basic rate of \$14.70 is paid at:	per hou	r. Calculate his hourly overtime rate of pay when this
a	time-and-	a-half	b	double-time
Qı	JESTION 2	Kelli's normal pay rate is \$16.80 pe		•
a	5 hours at	t time-and-a-half	b	3 hours at double-time-and-a-half
Q	JESTION 3			
a	John recei	ives a gross pay of \$850 for a 40-hou	ır week.	Calculate John's hourly rate of pay.
b	In one bus at time-ar	sy week, in addition to his normal 40 h ad-a-half and 5 hours on Sunday at do	ours, Jo ouble-ti	hn works the following overtime; 6 hours on Saturday me. Find John's gross pay for that week.
Qı	JESTION 4			ormal working day is 8 hours. He gets paid time-and- than or equal to 11 hours and double-time for hours
а	How much	does he earn for a normal 5 day wor	rking we	ek?
b	What does		wo 8 ho	ur days, one 10 hour day, one 11 hour day and one
Qı	<b>5</b>		d \$1200	for a 40-hour week. In one week she works 12 hours a-half and 4 hours is at double-time. What are her

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### Topic 4 - Penalty rates and special allowances

Question 1		Thomas works on a construction site and is paid a special allowance of \$6.20 per hour. Find his total weekly wage, given that his basic wage is \$28.70 per hour for a 40-hour week.					
Qu	ESTION 2	Joe and Troy are builder's labourers. Their award rate of pay is \$13.84 per hour.					
a	How much	does Troy receive for a normal 40 hour week?					
b	Troy is paid in a week	i a special allowance of 46 cents per hour for working in wet conditions. How much will Troy receive where 7 hours are under wet conditions?					
c		allows an extra \$1.54 per hour for working with toxic substances. If Joe spends the whole 40 hour ing with toxic substances, find his weekly wage.					
Qu	езтіон 3	Adrian gets \$875.80 per week. As a result of an indexation decision, his award rate of pay is increased by 4.5%. Find his new weekly wage.					
Qu	ESTION 4	Michelle gets paid \$12.50 per hour. She is paid 40% extra per hour on the weekends. Find her hourly rate of pay on the weekends.					
Qυ	е <b>зпон 5</b>	Mark's normal wage is \$880.80 for a 40-hour week. He worked overtime and earned \$1233.12 in one week.					
a	Find his no	ormal hourly rate.					
Ь	How much	extra did he get for overtime?					
c	How many	hours of overtime did he work if he was paid double-time for the overtime worked?					

## Financial mathematics - earning money

### Topic 5 - Annual leave loading

Qı	ESTION 1	Zac's weekly wage is \$627.20.						
a	What does	he earn for 4 weeks?						
b	Zac receiv loading.	es an annual leave loading of 17 $\frac{1}{2}$ % on 4 weeks holiday pay. Find the amount of the annual leave						
c	What is Z	ac's total holiday pay?						
Qι	ESTION 2	Michelle gets an annual salary of \$48 630.40. If she receives 17 $\frac{1}{2}$ % holiday loading on the 4-week holiday period, calculate:						
a	her norma	l pay for 4 weeks						
ь	her holida	y loading						
c	her holida	y pay for 4 weeks.						
Qu a	DESTION 3 What will	William earns \$19.40 per hour and works a 35 hour week. William receive for 4 weeks?						
b	Find Willia	nm's total holiday pay if he receives a holiday loading of $17\frac{1}{2}\%$ on 4 week's pay.						
Qu	<b>4</b>	Maddy works for the Department of Social Security on an annual salary of \$52 460. If she receives $17\frac{1}{2}\%$ holiday loading on the four weeks holiday pay period, calculate her total holiday pay for the 4 weeks.						

### Topic 6 - Commission

QUESTION 1	Yasmin receives a commission of 5% on sales. How much in which her sales total \$11 000?	commission will she receive in a week
Question 2	David is a car sales representative and is paid a retainer commission of 3% on sales made. Find his weekly income value of:	
a \$45 000		
QUESTION 3	Meena is a sales person and earns \$250 a week plus 3.5% total \$60 000. Find:	commission on sales. Her weekly sales
a her comm	nmission b her total ear	rnings for the week
QUESTION 4	Joshua is a real estate agent and receives 2% commission of \$100 000, $1\frac{1}{4}$ % on the next \$100 000 and 1% on the value selling a property worth \$650 000.	
Quesπо <b>н 5</b>	Ian works as a sales representative for a medical firm and r plus $7\frac{1}{2}\%$ commission on that part of sales which exceed a week in which he sells medical supplies worth \$8500.	

# Financial mathematics - earning money

### Topic 7 - Piecework and royalties

QUESTION 1	An apricot picker is paid 19 cents for every full bucket she picks. How much will she earn in a day when she picks 78 buckets of apricots.
Question 2	Janny works in a clothing factory and is paid \$8.50 for each garment completed. What is her weekly wage if she completes 154 garments in one week?
Question 3	Matthew is paid a royalty of 14% on the sales of his book. Sales for the first six months total \$156 348. How much royalty does he receive?
Question 4	Tim works in a factory on a basic wage of \$300 a week. In addition to this he is paid a bonus of 10 cents per article, for every article in excess of the weekly quota of 4000. How much will he earn in a week in which 6500 articles are made?
QUESTION <b>5</b>	Brent works as a packer on a banana plantation and is paid \$2.00 per box with a bonus of 75 cents for each box packed in excess of 100 boxes per day. Find his income for a day in which he packs 165 boxes.
Question <b>6</b>	Celeste receives royalties on the sales of her book. She receives 10% of the recommended retail price of the first 5000 copies sold and 12% on any further copies. In the first year sales total 12 514 copies and the retail price was \$21.95. How much does Celeste receive?

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### Topic 8 - Pensions and government allowances

Qı	JESTION 1	Natasha earns \$45 650 per annum. Her pension fund contributions amount to 9% of her annual salary. How much are the pension fund payments per annum?						
Qı	JESTION <b>2</b>	When Emma retires at the age of 60, last working year. Find her weekly sug salary was \$51 800.60	her pe perann	nsion will be 70% of the salary received during her uation payment if, during her last year of work, her				
Qu	иевтюм <b>З</b>	a pension on retirement. The payment number of units increase with increase	is cal	ntribute to a superannuation scheme which guarantees culated on the number of units contributed to. The ry. Each unit of superannuation results in a payment ael retires on a salary of \$72 890 and is entitled to				
а	What is his	s fortnightly pension?	- -	How much will he receive per year?				
С	What perce	ntage of his retirement salary does he	receiv	ve ол an annual basis?				
Qu	JESTION 4	person owns his or her home, he or sh assets over \$149 500 the pension red	e is al Juces	d to an age pension of \$458.60 per fortnight. If the lowed other assets of \$149 500. For every \$1000 of by \$5 per fortnight. The person is also allowed an ry dollar earned over \$120, the pension reduces by				
а	Frank, a sir is Frank's fo	ngle pensioner, owns his home and has ortnightly pension?	asset	s of \$215 500. He has no other income. How much				
b	Maria has a is Maria's p		She e	earns \$825 per fortnight from a part-time job. What				
c	George has	assets of \$167 000 apart form his ho s. How much is his fortnightly pension	ne. He ?	receives an income of \$160 per fortnight from his				

# Financial mathematics - earning money

### Topic 9 - Deductions

QUESTION 1	Alex works as a dentist in a dental hospital and his yearly salary is \$64 000. His fortnightly deductions include income tax \$980, Medicare levy \$45 and union fees \$6.50. Calculate his fortnightly take-home pay (net pay).
QUESTION 2	Amanda receives a gross wage of \$845.80 per week. The payments deducted from her weekly wage are tax, 35% of gross weekly wage; health insurance, \$29.50 per week; superannuation, 22 units at \$2.50 per unit. Calculate her net pay for the week.
QUESTION 3	Jane earns \$2450 gross per fortnight. Her pay deductions are \$465.10 for tax, \$150 for superannuation, \$5.20 for union fees and \$30.60 for health insurance. Find Jane's net pay per fortnight.
Question 4  a What is h	Andrew's gross annual salary is \$58 650. (Use 1 year = 52 weeks) is fortnightly income?
	uctions are \$630.65 in income tax, \$20.15 in union fees and \$125.60 in superannuation contributions, let pay per fortnight.
c What perc	centage of Andrew's gross pay is deducted?
QUESTION 5	Alan's gross annual income is \$48 380. He paid a total of \$9268 in deductions, including income tax. Calculate his net weekly pay. (Use 1 year = 52 weeks)

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#### Topic 10 - Accounts with financial institutions

QUESTION 1	Jed's bank account has a in a year?	\$5 per month account service fee	. How much does Jed pay in bank fees
Quesтюм 2		bank's ATM, EFTPOS, phone banki	ree electronic transactions per month. ing and internet banking.) Any excess
a How mu	uch will Lucy pay in fees in a	month where she makes 15 elec	tronic transfers?
b Lucy co she nee	uld instead choose to pay a d to make in a month in ord	monthly fee of \$6 per month. Ho er to be better off paying a mon	w many electronic transactions would thly fee?
c What ac	dvice could you give Lucy in	operating her account?	
——— З Question <b>3</b>	month, minimum monthly	y balance of \$500 to avoid month I fee of 80 cents per transaction.	following terms. Service fee of \$7 per ly service fee, 10 free withdrawals per The table shows Katrina's account for
	Month	Minimum Balance	Number of withdrawals
	January	\$250	8
	February	\$370	12
	March	\$510	10
	April	\$600 #650	16
	May June	\$550 \$180	14
a In whic	h month(s) will Katrina pay r	no fees?	
b Find the	e total fees paid over the six	months.	

## Financial mathematics - earning money

### Topic 11 - Creating a budget

QUESTION 1 Each month Georgie earns \$600 from a part-time job, receives \$100 as an allowance from her parents and earns \$150 babysitting. Her monthly expenses are \$180 for music lessons, \$120 for repaying a loan and \$130 for school needs. She wants to save \$150 per month. Whatever is left she divides equally between clothes, entertainment and car expenses.

a	Nake	а	monthly	bud	get i	far	Georgie.	
---	------	---	---------	-----	-------	-----	----------	--

Income (\$)

QUESTICM 2 Michael is a year 11 student and receives \$25 per week as pocket money from his parents. He also earns \$35.50 per week by working part-time. His travel expenses are \$10 and miscellaneous expenses are \$15. The rest of his income is saved.

a Make up a weekly budget for Michael.

ave

Expenses (\$)

Expenses (\$)

#### Topic 12 - Operating a budget

QUESTION 1 Sue works in a bank and her take-home pay is \$974.65 per fortnight. Her expenses are shown in the table.

	<del>_</del>	
hat are her savings per fort	night?	
		<del></del> -

Item	\$
Rent	250.00
Food	155.00
Telephone	75.00
Clothing	100.00
Car	125.00
ntertainment	90.00
ther expenses	10.00
Savings	
Total	974.65

QUESTION 2 Natalie earns \$300 per month from a part-time job, receives \$60 for helping her parents and \$50 for helping an organisation. Every month her expenses are \$90 for food, \$30 repayments on a loan and \$70 on school needs. She wants to save \$85 per month. Whatever is left she divides equally between clothes, entertainment and car expenses.

						_	
a	Make	up	a	monthly	budget	for	Natalie.

_	 		

Income (\$)	Fixed expenses (\$)	Variable expenses (\$)

### Financial mathematics - earning money

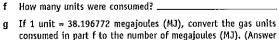
#### Topic 13 - Household bills

UESTION 1	For the given Telstra bill, answer the following questions.	Telstra Bill Telstra Corporation ACN 051 775 558				Telstra
What is th	he date of issue?	Account rumber 980 2222 222	Bill re. T 595 54		Date of issue 10 Dec 2000	13 22 00
What is th	he bill number?	Opening 82/2200 \$142.83	We received \$ 148,80cr	8alance \$3.60	Testal of this bill \$158.35	Istal ansurt payable \$158.35
What is t	he total amount payable?	MR A. EARLAY 289 PACIFIC I DEE WHY NSW	FOE			Payment to be made by 30 Dec 2000
***************************************	ne difference between the total of this he total of the last bill?	₽67 • Ca¥	nt Sparrary charges rice and equip	to t	r Reference 029392 09 Dec 09 Mar	74.11 82.25
	he payment due?the call charges?	Calling Fatter Local Calls STD Calls calls to Mobile Information on		\$1.83 \$1.83 \$1.16 \$2.76 \$7.19	1041 of the	\$ \$155.36
What are t	the charges for service and equipment?	tracting co	in test by	37.19	59 (0)	es Nar co co

QUESTION 2 Answer the following questions in relation to the gas bill shown.

3	What	is	the	payment	reference	number?	

b	When is the payment due?
c	What is the total amount payable for this bill?
đ	What is the difference between the total of this bill and the total of the last bill?

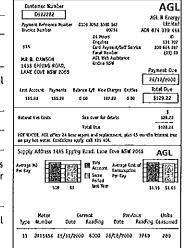


ħ	If 1 MJ is charged at the rate of 1.0595 cents, what is the tot
	cost of the megajoules consumed during this period?

i	How	much	is	the	supply	fee?
---	-----	------	----	-----	--------	------

e What is the meter number? \_\_\_

to the nearest MJ.)



Topic Test PART A

Instructions

This part consists of 10 multiple-choice questions

Each question is worth 1 mark

Calculators may be used

Fill in only ONE CIRCLE for each question

Time allowed: 30 minutes

Total marks = 10

- 1 Kate's hourly rate of pay is \$9.50 for the first 36 hours and time-and-a-half for every extra hour. How much is she paid for 41 hours?
  - (A) \$389.50
- B \$413.25
- © \$460.75
- (D) \$584.25
- 2 Dale has a salary of \$48 984 p.a. His fortnightly pay is:
  - (A) \$1884
- (B) \$1959.36
- © \$2041
- (D) \$2226.55
- 3 Barry receives \$690,40 for a 40 hour week. What is he paid for each hour worked at time-and-a-half?
  - (A) \$8.63
- (B) \$17.26
- © \$25.89
- (D) \$43.15
- 4 Hannah receives a commission of 6.5% on all her sales. How much commission does Hannah earn in a week in which her sales total \$2800?
  - A \$182 -
- (B) \$232.14
- © \$430.77
- (D) \$1820
- 5 Caleb receives a royalty of 15% on the market price on sales of a book he has written. If the book sells for \$12.95, find Caleb's total royalties for a period when 2180 books have been sold.
  - (A) \$1882.07
- (B) \$2525.10
- © \$2823.10
- (D) \$4234.65
- 6 Julian receives an award rate of pay of \$18.52 per hour. He receives an additional 32 cents per hour for working in hot conditions. What will Julian earn for working 14 hours in hot conditions?
  - (A) \$263.76
- (B) \$82.97
- (C) \$448.00
- (D) \$707.28
- 7 Courtney is paid \$21.20 per hour and works 35 hours per week. Find her holiday pay for 4 weeks, including a 17½% holiday loading.
  - (A) \$519,40
- (B) \$1696.00
- © \$3261.40
- ⑤ \$3487.40
- 8 Jacob's bank account has a \$6 monthly fee plus an excess withdrawal fee of 40 cents for every withdrawal above the free limit of 15 per month. In a month is which Jacob makes 22 withdrawals, how much does he pay in fees?
  - (A) \$8.40
- (B) \$8.80
- © \$12.00
- (i) \$14.80
- 9 Morgan's local council sent a bill for water rates. It showed the following information:

Meter Number	Previous	Present Reading	Consumption	Water Usage
	Reading (kL)	(kL)	(kL)	Charge
87912	222	251	29	\$0.8500 per kl.

The amount Morgan will need to pay is:

- (A) \$24.65
- (B) \$188.70
- (C) \$213.35
- (D) \$246.50

FINANCE MATHS - EARNING MONEY TOAC 1: 1. 43550 every year 43550 \$837.5 each week 2.\$72852 p.o. Zweeks in a forlyight TOPIC 2: \$72852 26 =\$2802 fortnightly 3. \$ 659 perweek \$659 x 52 \$34268 annually 4.\$67440 per year 5. Total hours worked = a) \$57440 =\$5620 monthly 6.35 hours a week = b)  $\frac{$5620}{200} = $28.1 \text{ hourly}$ \$1845.9 = \$26.37 hourly 5. \$7774624 = \$149512 weekly 7. \$163.5 \$21.8 hourly rate b) No, because his daily pay \$21.8 X5 = \$109 8. 6+8+7+9+6=30 hours. is 149512 = \$21358.9, rounded 36x \$18.2 = \$655.2

SOLU TIONS 6. \$3240 per month a) \$3240 × 12 \$38880 per b) \$38880 = \$747.70 per week 1. 40 x \$ 12.50 \$500 week. 2. \$756 35 = \$21.6 hourly rate 3. 38 x \$15.95 \$6061 weeky 4. 40×\$12.4 = \$496 weekly 72×\$28.15 = \$1666.8 Forlinght 35x2 = 70 hours or fartagist

8×9 = 72, hours

4a) \$ 15.60 harry Topic 3. Normal week = 8x5 = 40 hours 1. a)\$14.70 x 1.5=\$22.05 at 40×415.6=\$624 weekly time and half 6)\$14.70 x 2=\$29.4 at b) 8 hours at time hour at double time. dable time 2, a) Normal Ente \$16.80 /hour \$16.80 x 1.5 = \$25.2 at time and half \$15.6x 1.5=\$23.4 \$15.6x2 = \$31.2 5 x \$25.2 = \$126 for 5 hours \$624 + 187.2 + 31.2

= 1847 4 =\$624+(8x23.4)+31.2 =\$842.4 2.5x normal hourly rate 5. \$1200 = \$30 an hair \$16.8 × 2.5 = \$42 \$30 × 1.5- = \$45 \$42 x 3 = \$ 126 for 3 hours \$30 x 2 = \$60 at double time and a half \$1200+ (8×45)+(4×60)  $\frac{3.8850}{40} = $21.25 \text{ hourly}$ \$ 1200+360+240 b) Time and half = =\$1800 she earns that week. \$21.25× 1.5 \$31.875 havely Double time = \$21.25 x 2 \$42.5 hourly Total pay= \$850+ (6×31.875) +(5×42.5) \$850 + \$ 191.25 + \$ 212.5 - \$1253.75

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TOPIC 4: Topic 5:
 1. Total hourly maye = 1. a) weekly wage = $627.20
 $28.7+$6.20 = $34.9 $627.2 × 4=$2508.8 every

1. 101. 01 / 4n - $1396 weekly

4 weeks
 20)$ 13.84 × 40 = $553.6 b) $2508.8× 0.175 = $439.04
                               Annual leave loading
  b) 7xp.46 = $3.22 extra pay
 $553.6+$3.22 = $556.82 c)$2508.8+$439.04 =
 c)($1.54×40)+$553.6=$615.2
                                $ 2947.84
 3.$875.80 Increased by 4.5% 2.a)$48630.40 = $935.2 well
     = $ 875.8 × 1.045 $935.2 × 4 = $3740.8 /4 weeks
      =$915.21 New weekly wage 5$3740.8 x 0.175 =$654.64
4. $12. 50 x1.4 = $17.5 Holiday Louding
5. a) $880.80 -$22.02 hourly c)$3740.8+$654.64 =$4395.4

3.a)$19.4 ×35=$679 weekly.
  b)$1233.12-$880.80=$352.32 $679 x4-$2716/4 weeks
  c) double time salory = b) $2716 at 117.5%
      22.02 × 2 = 44.04 hourly = $2716 × 1.175
   \frac{$352.32}{44.04} = 8 \text{ hours of overline} = 3191.3.
4.552460 = -41.
                          4. $52460 =$1008.85 /week
                              4 ×$1008.85 =$4035.4/4weeks
                          $4035.4×1.175 = $474.60 Had
```

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Tope 7:
Topic 6:
1-$11000 × 0.05=$550
                        1. 0.19 ×78 = $14.82
                         2.154 x 8- 5= $1309
201350+(45000×0.03)=$1700
b) 350+(70000×0.63)=$2450
                         3$156348 × 0-14=$21888.72
3 a)$60000 x 0.035 = $2100
                        4. 6500 - 4000 = 2500 excess
b) Total Earnings = $2100+$250 extra=2500 x 0.1 $250
                       Total = $250 + 300 = $550
$65000 = 100000 at 1.5%.
                       5. Basic Income = 165x2
   250000 at 1%.
                                =$330
                        Bonns = 65 X0.75
= 4000+1500+1250+2500
                                    = $48.75
                        Total = $330+ $48.75
    = $9250
5 $8500-300 =$5500
                             = $378.75
                        6) First soos
$5500 commissioned at 7.5%
    $412.5° commission.
                         = 5000 × 21.95 × 0.)
$ 300+$412.5 = $712.5 weekly 7514 expres above 5000
              earnings.
                           7514×21.95 ×0.12
                             =$19791.88
                     Total = $10975+919791_88
                          $30766.88
```

Topic 8 \$ 160-120 = \$40 excess 1. \$45650 x 0.09 = \$4108.5 \$40 x 0.4 = \$16 reduction \$458.60 - 87.50 - 16 2, \$51800.6x0.7 = \$36260.42 \$36260.42 = Weekly payments TOPIC 9: a) 150 × 111 / dry of \$697.32 1. Fortnight! = \$355.10 pension 3. a) 150×\$11.6=\$1745 Fordinghtly 1. Partnightly pay (goss) b) \$1740 x 26 = \$45 240 (26 Fortnights every year) - <del>12461</del> - <del>12461</del> - 55 82461.55-980-45-6.5 C) Percentage of retirement salary = \$1430.05 netpay \$45240 Alter lox => \$845.8 x0.7 \$72890 × 100 = 62% \$592.06-29.50-22(2.5) 4 a) 215500 - 149500 = \$66000 = \$507.56 3. After tax=> 2450-465-10= excess 66000 X5 = \$330 reduction in pension \$1984.90 \$1464.90- \$150-\$5-20-30.6 \$458.60 -\$330 = \$128.60 pension = \$1799.10 4. a) \$58650 \$2255.77 b)\$825-\$120-\$705 excess 6) \$1479.37 \$705 x 0.4 = \$282 reduction 0) 234.4% \$458.60-\$282 = \$176.60 person 5. 11/4 1-x \$48380-\$720 c)\$167000-\$149500 = \$17500 excess = \$39112 17500 ×5 = \$87.5 reduction Weekly pay \$39112-\$752

TOPIC 10:

1. \$5 Per Month \$5 x 12 = \$60 in bank fees a year

2a) 15-6= 9 excess transactions 9 x 0.5 = \$4.50 in fees

b) \$6 per month =  $\frac{6}{n.5} = 12$  excess transactions

12+6 transactions and she will break paying the monthly fee.

than 18 banking transactions every march,
the mental. I efficient to pay the monthly fee 3.a) March and May

b) January - \$7 service fee February - \$7 service fee + \$1.60 transaction fee March - \$0 April - \$4.80 transaction fee May - \$0 June - \$TService fee + \$3.20 transaction fee TOTAL= \$30.60

Topic 12 Topic 11 a) INCOME EXPENSES a) 974.65 x 26 = \$ 600 (part true) \$ 180 (music lesson) \$ 25340.9 Eloo (allowance) | \$120 (loan repayment) b) \$ 169.65 savings \$150 (babysit) 1\$130 (school needs) \$150 (Savings) c)\$169.65 x26 = 1\$270 DIVIDED equally \$4410.90 190 entertainment 1490 car expenses 2. a) INONE FIXED VALUE EXPENSE EXPENS \$300 (Pt. time | \$90 (FOOD) \$85 (SA) | \$201 LOAN) \$45 (U) \$90 \$30(LOAN) \$45(u. \$60 (helping | \$70 (SCHOLL) \$45 (U) \$45 (E) c) 150 ×100 = 17.6% (1d.p) \$ 50 (helping Organisation 2. INCOME EXPENSES \$25 (Pocked Sto Ctravel) \$15 (misc.) TOTAL \$410 \$35.5 (Pt. time | \$35.5 (savings) TOTAL\$193 TOTAL \$220 b) 85 410 × 100 = 20.7% (1d.p) 6) \$35.50 c)  $\frac{35.5}{60.5} \times 100 = 58.7\% (1d.p)$ 

TOPIC 13 lo DECEMBER 2000 b) T 596 545 432-3 c) \$ 156.35 d) \$7.56 e) 30 DECEMBER 2000 F) \$74.11 9) \$82.25 2a) 0109 J052 3000 342 b) 26/12/2000 d)-138.06 e) JX 15454 f)260 9) 9931.16072 MJ h)\$105.22 i) \$127.22-105.22 =\$22 supply fee

TOPIC TEST PART A

1.B

2.A

3.

4. A 5. D

6.A

7.0

8.B 9.A