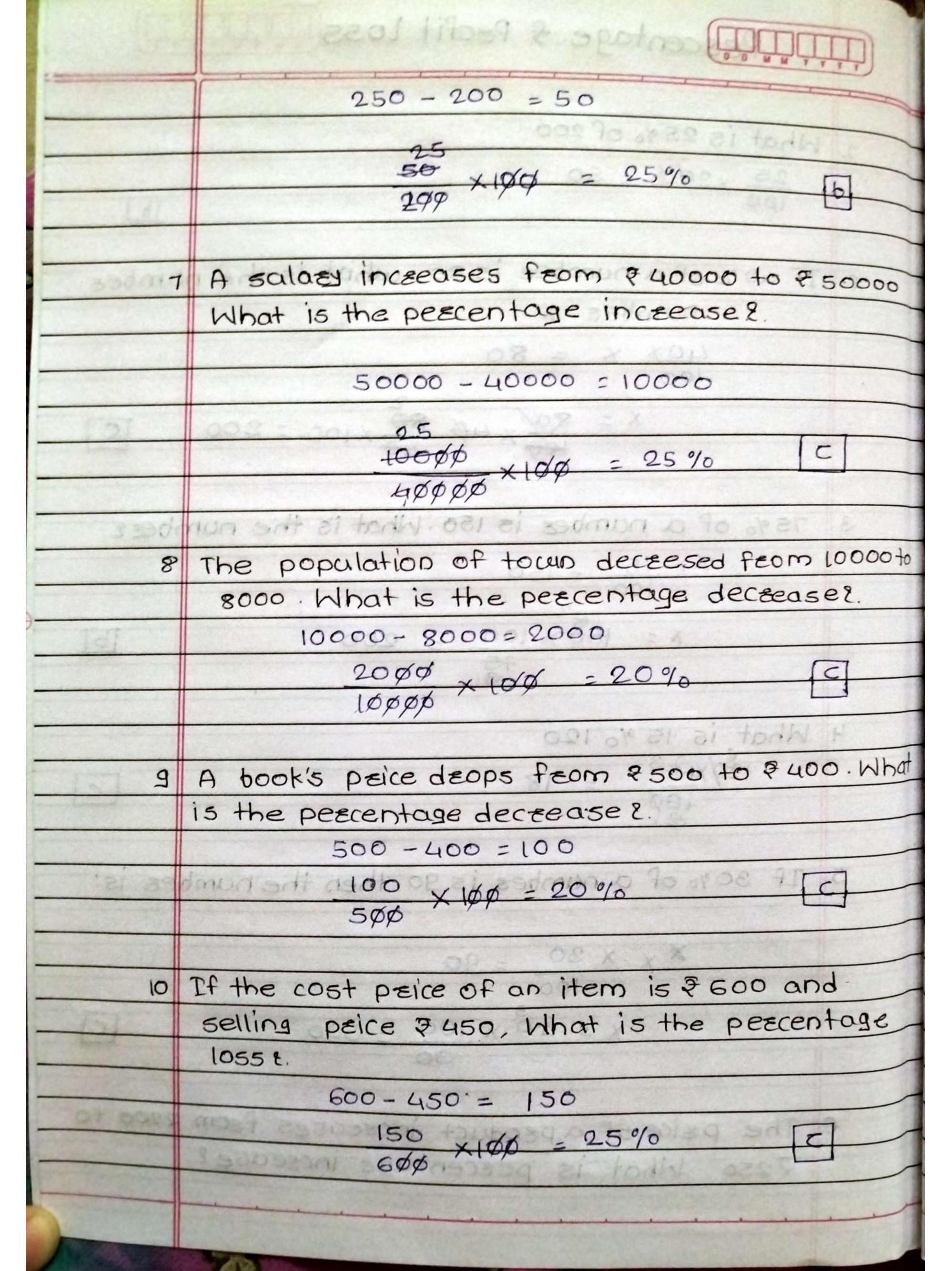
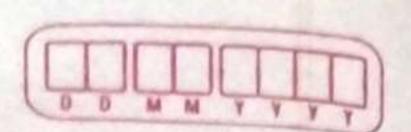
Percentage & Profit Loss What is 25% of 200 If 40% of a number is 80, what is the number number = xolosses site i toll 100 X = 80/ x 4# 80 × 100 = 200 75% of a number is 150. What is the number ? *X 75 = 150 a acutologag sall 100 150 × 100 = 200 6 750 What is 15 % 120 A books paice deops 8/2020 is the percentage decrease If 30% of a number is 90, then the number is: X 30 010000 33 801 X = 80 × 100 = 300 30 The price of a product increases from 2200 to 7250 What is percentage increase?





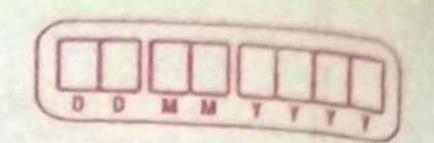
	Wick is assorbed to a contract to the contract
11	Which is greater: 80% of 400 02 40% 8002,
	499× 30 399× 40
	100
	120
	[Both are equal
12	A pesson spends 60% of his income and saves I
	\$ 8000. What is his total income?
STUD S	08 pd 69100 -60 = 4000 11 0000 90189 9dT 01
te	radt ai todki ardi ya baansabab aadt
	X X 40 218000 2000339
	100
	X = 8000 X 10\$
	440
	= 20000 []
	THE RESIDENCE OF THE PARTY OF T
13	If A is 20% more than B, then B is how much
	less than A2.
	B = 100
	3
	120 - 100 = 20
Brish	25.5 25.65
andei	10 spot 15 + 20 and salt added stop ud
14	If the pelce of sugae is increased by 25%, by
_	how much should the consumption be reduced
_	to maintain the same expense?
-	25 ~100.
1	100+25
1	25' x 100 = 20.%. 125' x 100 = 20.%.
	125



	is to the most a library of the
15	If A's income is 40% more than B's income is
	what percentage less tham A's.
	Assume B's incom = 100
	1400-100=40
	$\frac{1400-100=40}{40} = \frac{28.57}{200} = \frac{28.57\%}{7}$
Chicks by	common dim to send sebasas nessas A Li
	remosni lpatot eid ei todin ocos ei
16	The price of an item is increased by 20% and
	then decreeased by 10%. What is the net
	percentage change.
	100 190×20 - 20 +
	100
	120 129 x 19 - 12 -
domen a	or ai 8 month 8 modtløøsom at og si A 31 d
	108
	The Center of the population of the state of
	1007188 = 8 % o increease [a]
	120 -100 - 20 - 101
17	A number is increased by 80% and then decrees
	by 20%. What is the final percentage changes
and to the	100 100 x 30 = 30
Man nine	a sub-gothganusuno sairtee bode doum work
	$130 130 \times 20 = 26 100 01$
	100
	104
	100, 7,104 . 4% increase [a]



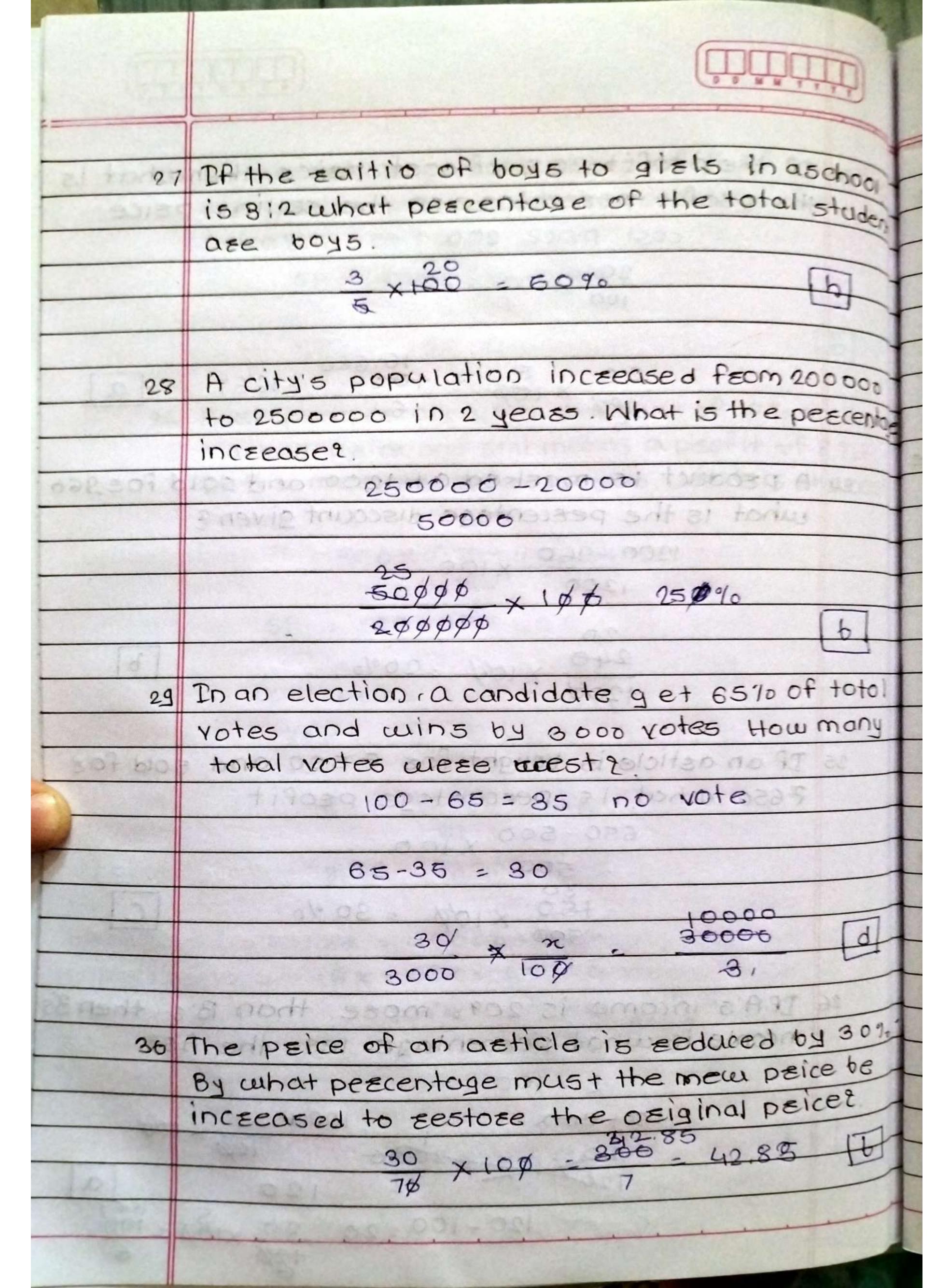
18	If the population of a cities
00000	If the population of a city increase by 25% and then decrease by 20% what is
	change?
	100 too x 25 25
	125 125 x 26 - 05
	125 x 29 100 = 25
and to	Section to the property of the second section of the second secon
	Le A-shopheepee allows a discount of 10% as
leon's	Hel hadis ageo of soley bodssem adition
19	If a preice increase by 40% and then decrease
	by 80%, the final change is:
	100 100
	100 100 × 40 = 40
	140 140 x 30 1.0
	140 x 30 = 42
	98
	100-798 210 de cepaso [d]
	100-798 270 deceease d
20	The salary of a presson is first increased by 20% and
	then decreeosed by 10%. What is the overall percen-
	tage changer.
	100 TOOX 20 = 20 too
	$\frac{120}{100} \frac{120 \times 10}{100} = 12$
1	
	108 04/2 interes
	100-7108 810 increase



		L
	in the late of the second seco	1
21	If an asticle is sold at a profit of 25% the	ł
Pecetanos	the selling price is what percentage of the cos	ł
	peice? cp=100	ł
	5P = 4864 25 X 1800	t
	180	ł
	5P = 125 10	r
		r
22	A shopkeepes allocus a discount of 10% on the	-
	marked price and still makes a profit of 8%	r
	If the marked price is 500, what is the cost	r
	Peice?	r
080080	500-/10 X 500 \ 100 X 500 \ 10	
	iai aplades jonis de la volos ed	
	5P = 500 - 50 = 450	
	DAIX DO TO THE RESIDENCE OF THE PARTY OF THE	
	cost peic = x	
	10P= 5P-CP X100	
	CP ^	
	$8 = 450 - 2 \times 100$	
	.90	
101	8 = 45000-1002	
	∞	
puo otpe	8x = 45000-100x	
A99390 114	8x+108x= 45000	
	1082 = 45000 416.6	
	x = 15000 3150	
	108	
	54	
	= 146 ≈ 420	
		A.



-02	If the profit 20% of cost price then what is
-	the profit percentage on the selling price
	cost price 100
	20 ×100 = 20
	100
	16.666
1000	20 5 +00 = 16.67 [a]
LISTER .	and the state of the contract of the contract of
	in the teachers and the second
24	A product is marked at 1200 and sold for 960
	what is the percentage discount given ?
	1200 -960 1200 X 100
	1200
	20
	240 × 199 = 20%
	1299 - 1299
EL REAL	If an asticle is bought for 7 500 and sold for
25	If an asticle is opegantone profit
	7650 uhat is percentage profit
	650-500 X 100 500
	150 ×10/0 = 30 1/0
26	TFA's income is 20% more than B's then B's
-	income is what percentage less the Ass.
200	8 = 100
10	100+20 X 100 X 100
	20000
	120 120
	120-100:20 <u>00 xtop = 100</u>
Contract of the second	LEP O





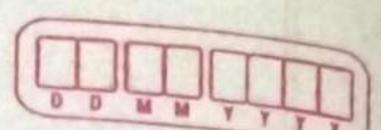
	-	
	81	If a number is increased by 50% and then decreased by 50% and then
		decreased by 50% and then
7	190	decreased by 50% and then change?
-		100 50
-		100 50 × 100 50
-		
-		150 50
J.B	83	1dd x 15p = 15
1	201	edus at al po assabassab as at ban alog
-		75
-		75 259 6 deceease 6
1	32	If A is 20% o taller than B then B is shorter
		than A by.
		16.67
		$\frac{20 \times 100 - 2000}{120 \times 120} = \frac{16.67}{120}$
	33	If 30% of a mumber is 90, what is 60% of
		the same number 8.
l en	rei	30 x 20 96 80 x = 90 × 106 = 300
100	W	apposition se a savie ban segantes
-		septosasse ezol tidos 9 eldel
-		60 X 3 Ø Ø - 180
-		IØØ
1		et his income and saves
-	34	A person spend 75% of his income and sover
1		& peeson speno 15 his total amount income?
1		save 25 % 0 X = 5000 X +00 - 20000
1	(2)	25 × 5000 × 500 ×
1		
1	1000	25 × × = 500.



35	The price of petrol increase by 20 90 By what pretentage should consumption be
	seduced to maintain the same expenses
	16.67
	20 X 10 \$ - 200 (0)
	120
36	The price of a TY was first increased by
	20% and then decreeased by 10%. What is the
TED - SERV	overall percentage change
	100 100 x 20 = 20
3,hisoda	100 X 20 = 20 100 MA A ADA
	Lat Many on the second
	$120 \qquad 12\cancel{0} \times 1\cancel{0} \qquad = 12$
Soero	108 100 -7 108 8/pinceeas a
37	A shopkeepee marks an item 25% above the
	rost Deice and gives a 20 10
	is his profit loss percentage
- Fai	100 · 100 × 15 -25
	100 (00 X 13 - 23)
20,700	125 +25×24
	Constitution to the state of th
	125-25: 100 -7 10 0%
3,	



08	TP the cost psice of an aris.
30	TP the cost price of an article is 7500 and it is
	sold at a loss of 20 % what is selling price?
	500 - 20 X500
	T00 X500
	500-100=400
aa	If a salaty is increased by 10% and then decreased
3.3	by 10% o what is the final percentage change?
	100 ree x 10 = ro
1332	
TISM.	110 stidix transinalist dasso
	110 110 x 100
	100 -> 99 1% deceease [b]
	100 -7 99 Modeceease [b]
1.0	A student needs 40% marks to pass the gets
40	n mudelm neces
	as a masks and fails by 20 masks. What age the
	200 marks and fails by 20 marks. What are the
	200 marks and fails by 20 marks. What are the total marks 2.
	200 marks and fails by 20 marks. What are the total marks 2.
	200 marks and fails by 20 marks. What are the
	200 marks and fails by 20 marks. What are the total marks 2. 2-26 × 40 200 = × × 40 100 100
	200 masks and fails by 20 masks. What ase the total masks?
	200 masks and fails by 20 masks. What ase the total masks? 226 x 40 200 = x x 40 100 200 x 40 200 x 40 200 x 40 200 x 40 200 x 20 200 x 40 200 x 20 200 x 40 200 x 20 200 x 20
	200 masks and fails by 20 masks. What ase the total masks? 226 x 40 200 = x x 40 100 200 x 40 200 x 40 200 x 40 200 x 20 200 x 40 200 x 20
	200 masks and fails by 20 masks. What ase the total masks? 226 x 40 200 = x x 40 100 200 x 40 200 x 40 200 x 40 200 x 40 200 x 20 200 x 40 200 x 20 200 x 40 200 x 20 200 x 20
	200 masks and fails by 20 masks. What ase the total masks? 226 x 40 200 = x x 40 100 200 x 40 200 x 40 200 x 40 200 x 20 200 x 40 200 x 20



41	A man spends 20% of his salaty on tent.
tenias que	onfood and 10% an teansport. If he saves
	7 18000 what is his salary?
	40 x x = 18000
	100
	$x = \frac{4500}{18000 \times 100}$
HARRING BLU	Hit has another bosons signs of the
	de sector de la se
	b
42	The cost of an item is first Increase by 80%
E Shelan	and then decreased by 2010 what is the
	overall percentage change?
	VOI - VOI
	100 100 x 80 = 30
	100
24.90	130 130 × 30 = 39
B1# 350	early exercise by so adsomose all
	and the state of t
	91
	100-791 910 deceease 16
400	The possibility of the same of
40	The population of a town increase by 10%
	every year. If the current population is 10000 what will it is
	certat certili it be after a years?
	10000 1000 x 19 1000
	11000
	11000 X 10 1100
	12000 12000 1000
	13210



44 TP 15% of A is equal to 20% then A:8 is

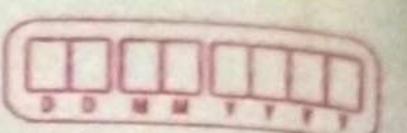
45 If the cost peice an item \$ 800 and the peofit made is 25%, what is the selling peice 8.

soft woode to aboop and axisom as bost a los

46 If the cost peice (CP) of an item is \$ 200 and them selling peice (SP) is \$ 250 what is the peofit peecentage?

$$\frac{250 - 200 - 50}{50^{250}} \times 100 - 25\%$$

47 A man sells an aeticle for 720 at a profit of 20% Find the selling price.



48	A shopkeepee sells an item ataloss of is
	If the cost psice.
	100-18=85
	599×85 - 405
	100
49	A man puechased acycle foe 7 1500 and 50 W
	at a 1055 of 10% what wat the selling
	peice 2.
ings ac	000 008 \$100 -100 =190 00 last tabo and 41 and
	leg poilles and ai hodus as sheet about a
	150\$ x99 = 1350 [6]
	1ØØ
101	
50	A teader marks his goods at 30% above the
000,00	cost price and allows a discount of 10%
ser or	what is his gain percent.
	100+30 = 130 +00000 + 100000
	100-90 = 90
	$\frac{130 \times 90 - 1 \times 100}{100 \times 100}$
os to tito	
	13 (197 -1) x 106 000 A
	117-100 100 × 100
	17 11
Trail I	