

1.	Mh	at	is	25	1.	oF	200	9
1								

$$\frac{75}{100} \times 2 = 150$$

$$\chi = 15000$$

9x = 200

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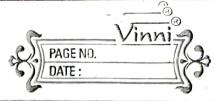
Vinni

4. What is 15% of 120 8

$$\frac{18_3}{100} \times 120$$

$$\frac{30}{100} \times 2 = 90$$

$$30x = 9000$$



7.	A salary increases from 740,000 to 750,000, what is percentage increase?
	J 176 CSO ( .
<del></del>	40,000 50,000
•	- 10000 x 100 difference x 100
	40000 old value
	= 25.1
8.	The population of a town decreased from
	10,000 to 8,000. What is the percentage
	decrease ?
$\longrightarrow \parallel$	10,000 8.000
<b>E</b>	= 2000 x100 deff x100
	10000 old value
	= 20 1/

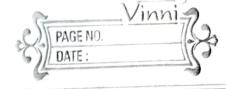
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8. The population of a town decreased from 10,000 to 8000.

$$L = CP - SP = 600 - 450$$

$$= 150$$

$$L'' = \frac{156}{698} \times 108$$



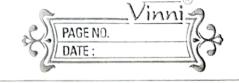
11.	Which is greater: 30% OF 400 OF 407. 0f 300
<del></del>	$\frac{30}{100}$ x 400 or 8. $\frac{40}{100}$ x $300$
	120 or 120
	→ both are equal
12.	A person spends 60 %. Of his income & saves 8000, what is total income
· ->	$\frac{40}{100} \times 7 = 8000$ $x = \frac{2}{500000}$
	: x = 20000
13,	IF A is 20% more than B, then B is how much less than A?
>	A + 20% = B $B = 100%$ $A = B$ $A =$
	A = 120 '/

$$\frac{25}{125} \times 100 = \frac{1}{5} \times 100 = 20\%$$

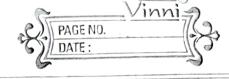
$$\frac{40}{140} \times 100 = \frac{2}{7} \times 100 = 28.57 \%$$

$$\longrightarrow 100 \longrightarrow 120 \longrightarrow 108$$

$$100 \xrightarrow{30\%.1} 130 \xrightarrow{20\%.1} 104$$



18.	
	100> 125> 100
	29 x 125 = 25
	Ans: - na 0 %
•	7
19.	
$\longrightarrow \ $	$100 \longrightarrow 98$
	30 u.d
	100 × 140
	Ans: - 2.1. decrease
	$100 \longrightarrow 120 \longrightarrow 108$
•	10 x 120
	100 m
	Ans: - 8 1. Increase
21.	$100 \xrightarrow{25} 125 \qquad 25 \times 100 = 125  9$
	100
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25. p = Sp - Cp  $p'' = \frac{p}{Kpx} \times 10p$  p = 650 - 500  $p'' = \frac{p}{Kpx} \times 10p$  p = 150  $p'' = \frac{p}{Kpx} \times 10p$ 

p'/ = 30 %.

B income is what 1. less than A?

B + 20 / A = A

 $100 \longrightarrow 120 \longrightarrow 100$ 

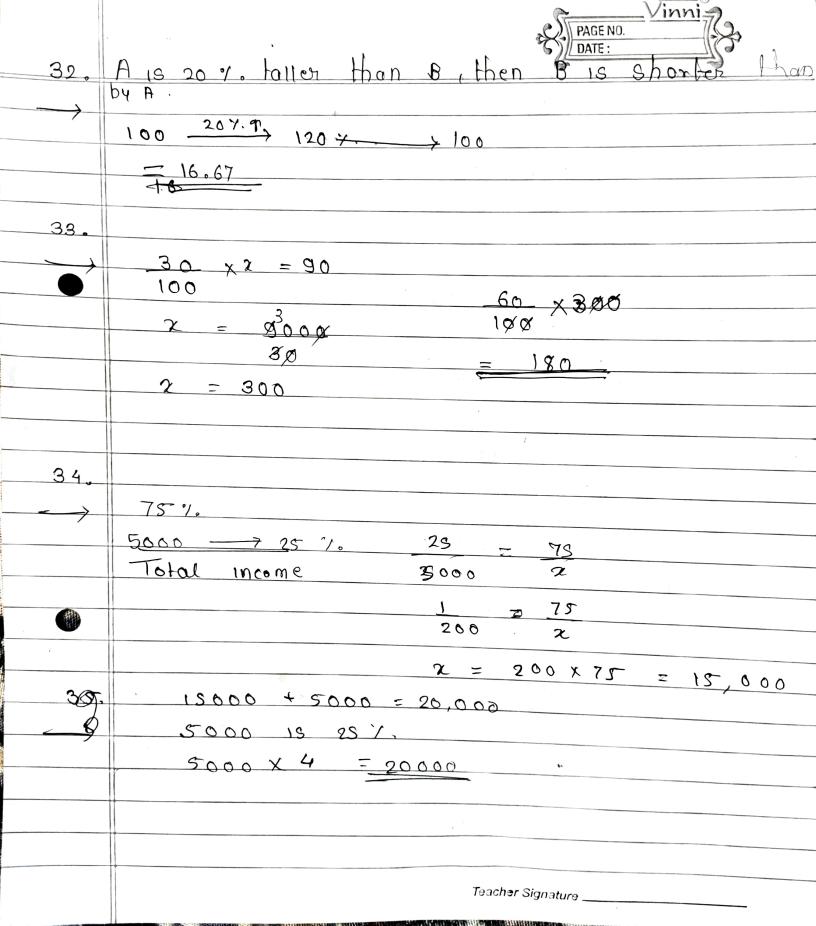
 $\beta$   $\beta$   $\beta$ 

 $\frac{20}{120} \times 100 = \frac{1}{6} \times 100 = \frac{16.67}{6}$ 

27. Boys to gipl ratio in school is 3:2, what % of total students are boys.

 $\frac{B}{G} = \frac{3}{2}$ 

 $\frac{3}{3+2} = \frac{3}{5} \times \frac{1}{100} = \frac{3}{5} = \frac{6}{5} =$ 

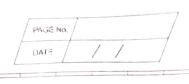


$$\begin{array}{c} \longrightarrow \\ 100 \xrightarrow{25\%. \uparrow} \\ (CP) & \xrightarrow{25\%. \uparrow} \end{array}$$

$$\begin{array}{c} \longrightarrow \\ (CP) & \xrightarrow{25\%. \uparrow} \end{array}$$

$$\begin{array}{c} \longrightarrow \\ (CP) & \xrightarrow{25\%. \uparrow} \end{array}$$

$$\frac{20}{120} \times 100 \longrightarrow 100$$



39

41.

100 10W 110 10.1. 1 30

Ans: - 1.1. decreases

40. Students needs 40% marks to pass. He gets 200 marks & failed by 20 marks what is total marks.

200 + 20 = 220 - 40 %

 $\frac{1100 - x}{2} \times -550$ 

20 % + 30 % + 10 % = 60 % 40 y. -> 18000

 $\frac{18000}{40} = \frac{2}{100} = \frac{2}{100}$ 90100

 $\chi = 45,000$ 

42  $100 \xrightarrow{30\%} 130 \xrightarrow{30\%} 91$ 

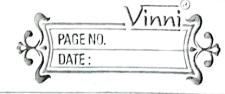
Ans: - 9% decrease

43. 107.9 11000 101 12100 7.103 13310 00001

100

DATE / / 44.  $\frac{15}{100} \times A = \frac{20}{100} \times B$  $\frac{A}{B} = \frac{20}{190} \times \frac{100}{15}$  $\frac{A}{R} = \frac{4}{8}$ A:B = 4:3 45. IF CP is 800 & profit is 25 %. p = 25 %, p = 9 $800 \xrightarrow{25 \% 1} (800 + 200) \longrightarrow 1000$ 46. IF cp of an item 18 RS. 200 & the s.p.is ₹ 250 proft/19

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.48.	Anhele sells for Rs. 720 at profit of 20%.
<b>→</b>	$\frac{1}{20.1.1} \times 720 = 120$ $\frac{1}{6} \times 720 = 120$ $\frac{1}{6} \times 720 = 120$
	100 +207, 120
	$\frac{20 \times 100}{120} = \frac{1}{6} \times 100 = \frac{100}{6} = \frac{16.67 \%}{6} = \frac{16.67 \%}{6}$
,	
48.	Sells items at loss of 13 %. If the Cp is Rs 500 find s.p.
$\rightarrow$	500 +157.1, (107. +57.) -> 500 -75 50 + 25
6	= 425 .
49	Cycle punchased for Rs. 1500 8 sold at 10.1. 1085. Sp = 8
<del>&gt;</del>	1500 10% + 1350