

## Profit & Loss Class Sheet

1. (i) If CP is 240 and profit is 15% then find SP?  
(ii) If SP is 535 and CP is 500 then find profit %?  
(iii) If CP is 340 and loss is 5% then find SP?  
(iv) If SP is 735 and loss is 2% then find CP?
2. When an article is sold at certain price then there is profit of 28%. When CP and SP both are increased by 42% then find new profit %?
3. (i) If markup is x% and discount is x%  

Quantity A	Quantity B
CP	SP

  
(ii) If markup is x% and discount is y% & profit is z% (x,y,z are positive)  

Quantity A	Quantity B
x	y
4. Salesman sold a pen in ₹750 at 16.66% loss then find SP if profit is 22.22% ?
5. CP of a pen is 320. Then find the increase in SP if profit % is changed from 8% to 13%.
6. If CP of 10 pens is equal to SP of 12 pens then find profit or loss %?
7. CP of 30 pens is equal to SP of x pens and loss is 9.09% then find x?
8. A salesman sold 44 articles and his profit is equal to SP of 8 articles then find profit%?
9. A man purchased 2 pens in ₹70 and ₹150 respectively. He sold first pen at 40% profit and second at 4% loss. Find his overall profit or loss %?
10. If profit is 14.28% then find margin %?
11. If margin is 60% then find profit %?
12. If CP is 110 and mark up is 36.36%. Find MP?
13. A shopkeeper increased the CP of a pen and marked the price as 160, then allowed a discount of 20%. Find SP of pen?
14. If MP is 270 and SP is 240 then find discount %?
15. If mark-up is 200% and discount is 40% then find profit %?
16. If mark-up is 70% and profit is 19% then find discount%?
17. If mark-up is 40% then find discount % if profit is 0%?
18. Two successive discounts of 20% and 35% are equivalent to a single discount of what %?
19. Salesman gives discount of 30% and still able to manage profit of 33% then find his mark-up %?
20. A milkman mixes 30% water in the pure milk and sells at CP then find his profit% and also find his profit % if he sells at 10% less than CP?
21. Betal sold an article to Birbal at 20% profit and Birbal sold same article to Chatur at 30% profit and Chatur sold same article to Tenali at 20% loss. If CP of Tenali is 1040 then find the CP of Birbal.
22. A salesman bought every 5 articles for ₹4 and sold them every 4 articles for ₹5. Then find his profit %?
23. A salesman sold 2 articles. On 1<sup>st</sup> article there is profit of 40% and on 2<sup>nd</sup> there is loss of 40% and SP of both articles is same. Find overall loss% ?
24. A showroom offers buy 3 get 2 free and marked price is same for all then find the discount %?
25. Ashok made a loss of 15% by selling 96 apples for ₹2040. How many apples must he sell for ₹2600 to make a 30% gain?  
 (A) 80  
 (B) 100  
 (C) 65  
 (D) 104

## Profit and Loss

1. 276,7%,323,750	2. 28%	3. D,A	4. 1100	5. 16
6. 16.66	7. 33	8. 22.22	9. 10	10.12.5
11. 150	12. 150	13. 128	14. 11.11	15. 80
16. 30	17. 28.56	18. 48	19. 90	20. 30%,17%
21. 1000	22. 56.25	23. 16	24. 40	25. 80