

SIMPLE INTEREST & COMPOUND INTEREST

1. Find the SI on Rs. 5000 for 2 years at 12% p.a.
a) 1000 b) 1200 c) 1400 d) 2000
2. What sum will yield an interest of Rs. 306 in 6 years at 5% p.a.
a) 840 b) 765 c) 1210 d) 1020
3. If Rs. 2000 amounts to Rs. 2200 in 2 years under SI, the R is?
a) 5% b) 10% c) 8% d) 15%
4. A sum of money at SI amounts to Rs. 560 in 3 years at 4% p.a. Find the Sum?
a) 400 b) 500 c) 600 d) 450
5. An amount of Rs, 2400 is due after 6 years under SI at 10% p.a. What is its present value?
a) 1500 b) 1600 c) 1800 d) 2000
6. Find the amount obtained by investing Rs. 24000 at 18% p.a. SI for 5 years?
a) 21600 b) 44000 c) 48000 d) 45600
7. Find the rate % p.a., if a sum double itself in 12 years at SI?
a) $6\frac{1}{4}\%$ b) $8\frac{1}{3}\%$ c) 10% d) $9\frac{1}{11}\%$
8. In how many years will a sum of money become 16 times itself at 30% p.a., SI?
a) 25 b) 40 c) 30 d) 50
9. At what rate of interest under SI, will a sum of money become 2.35 times itself in 9 years?
a) 10% b) 15% c) 8% d) 12%
10. If a certain sum doubles in 3 years under SI, in how many years would it become 5 times itself at same R%?
a) 12 b) 15 c) 9 d) 18
11. What annual installment will discharge a debt of Rs. 4600 due in 4 years at 10% SI?
A) 800 b) 1000 c) 1250 d) 1175
12. What annual installment will discharge a debt of Rs. 1035 due in 3 years at 15% SI?
a) 300 b) 400 c) 350 d) 325
13. Find the CI on Rs. 3000 at 10% p.a. for 3 years?
a) 900 b) 933 c) 963 d) 993
14. Find the CI on Rs. 1000 for 2 years at 8% p.a.
a) 160 b) 166.4 c) 168.2 d) 170
15. P = 6000, R = 10% Find 4th year CI?
a) 700 b) 698.60 c) 728.60 d) 798.60
16. Find the amount obtained by investing Rs.20,000 at 10% p.a. CI for 1 year, compounded annually?
a) 22000 b) 24000 c) 26000 d) 24200
17. Find the amount obtained by investing Rs. 48000, at 25% p.a. CI for 1 year compounded half yearly?
a) 54000 b) 80000 c) 75000 d) 60750
18. Find the CI on Rs. 80000 at 40% p.a. for 9 months, compounded quarterly?
a) 25480 b) 26480 c) 25680 d) 26280
19. Ram invested Rs. 50,000 for 3 years CI at the rates of 8%, 10% and 12% respectively for the 1st, 2nd & 3rd year. Find the interest earned by him?
a) 14528 b) 15528 c) 16528 d) 17528
20. A sum amounts to Rs. 14400 in 2 years at 20% p.a. CI. Find the sum?
a) 9000 b) 10000 c) 10200 d) 10400
21. A sum of money triples at CI in 7 years. In how many years will it become 27 times itself?
a) 14 b) 21 c) 28 d) 35
22. A sum becomes 3 times itself at CI in 8 years. In how many years will the sum become 81 times itself?
a) 30 b) 32 c) 34 d) 36
23. Find the difference between the CI and SI on Rs. 500 at 10% p.a. for 2 years?
a) 50 b) 30 c) 10 d) 5
24. Find the difference between the CI and SI on Rs. 25000 for 3 years at 20% p.a.
a) 2200 b) 3200 c) 3700 d) 4200

25. The SI and CI on a sum for 2 years are Rs. 800 and Rs. 864 respectively. Find the sum and rate% p.a.?
a) 3600, 8% b) 4000, 16% c) 2500, 16% d) 5000, 12%
26. The SI and CI on a sum for w years are Rs. 40 and Rs. 41 respectively. Find the sum and rate % p.a.?
a) 200, 10% b) 400, 5% c) 500, 5% d) 400, 8%
27. A man borrowed Rs. 10000 at 10% CI. He repaid Rs. 5000 at the end of 1st year. What amount shall he repay at the end of 2nd year to clear his loan?
a) 6000 b) 6600 c) 7200 d) 7600
28. A man borrowed Rs. 15000 at 10%. He repaid a certain amount at the end of the 1st year. At the end of the 2nd year he paid Rs. 7700 and cleared his loan. What amount did he repay at the end of 1st year?
a) 9000 b) 9500 c) 10000 d) 9200
29. A man borrowed Rs. 42000 at 10 CI. He repaid the entire amount in 2 equal installments. Find the amount paid in each installment?
a) 23200 b) 23400 c) 24000 d) 24200
30. A sum of Rs.550 was taken as a loan. This is to be repaid in 2 equal annual installments. If R = 20% CI, find the value of each installment?
a) 300 b) 340 c) 360 d) 400