

10. What sum of money will amount to ₹9261 in 3 years at 5% per annum compound interest?
11. What sum invested at 4% per annum compounded semi-annually amounts to ₹7803 at the end of one year?
12. What sum invested for $1\frac{1}{2}$ years compounded half-yearly at the rate of 4% p.a. will amount to ₹132651?
13. On what sum will the compound interest for 2 years at 4% per annum be ₹5712?
14. A man invests ₹1200 for two years at compound interest. After one year the money amounts to ₹1275. Find the interest for the second year correct to the nearest rupee.
15. At what rate percent per annum compound interest will ₹2304 amount to ₹2500 in 2 years?
16. A sum compounded annually becomes $\frac{25}{16}$ times of itself in two years. Determine the rate of interest per annum.
17. At what rate percent will ₹2000 amount to ₹2315.25 in 3 years at compound interest?
18. If ₹40000 amounts to ₹48620.25 in 2 years, compound interest payable half-yearly, find the rate of interest per annum.
19. Determine the rate of interest for a sum that becomes $\frac{216}{125}$ times of itself in $1\frac{1}{2}$ years, compounded semi-annually.
20. At what rate percent p.a. compound interest would ₹80000 amount to ₹88200 in two years, interest being compounded yearly. Also find the amount after 3 years at the above rate of compound interest.
21. A certain sum amounts to ₹5292 in 2 years and to ₹5556.60 in 3 years at compound interest. Find the rate and the sum.
22. A certain sum amounts to ₹798.60 after 3 years and ₹878.46 after 4 years. Find the interest rate and the sum.
23. In what time will ₹15625 amount to ₹17576 at 4% per annum compound interest?
24. Find the time (in years) in which ₹12500 will produce ₹3246.40 as compound interest at 8% per annum, interest compounded annually.
25. ₹16000 invested at 10% p.a., compounded semi-annually, amounts to ₹18522. Find the time period of investment.
26. What sum will amount to ₹2782.50 in 2 years at compound interest, if the rates are 5% and 6% for the successive years?
27. A sum of money is invested at compound interest payable annually. The interest in two successive years is ₹225 and ₹240. Find :
 - (i) the rate of interest.
 - (ii) the original sum.
 - (iii) the interest earned in the third year.
28. On what sum of money will the difference between the compound interest and simple interest for 2 years be equal to ₹25 if the rate of interest charged for both is 5% p.a.?
29. The difference between the compound interest for a year payable half-yearly and the simple interest on a certain sum of money lent out at 10% for a year is ₹15. Find the sum of money lent out.
30. The amount at compound interest which is calculated yearly on a certain sum of money is ₹1250 in one year and ₹1375 in two years. Calculate the rate of interest.
31. The simple interest on a certain sum for 3 years is ₹225 and the compound interest on the same sum at the same rate for 2 years is ₹153. Find the rate of interest and the principal.