

CBSE MATHS CHAPTER: COMPOUND INTEREST

1. Find the amount and compound interest on Rs8000 for 1 year at 10% per annum, compounded half yearly.
2. A certain sum amounts to Rs72900 in 2 years at 8% per annum compound interest, compounded annually. Find the sum
3. Three years ago, Beeru purchased a buffalo from Surjee for Rs11000. What payment will discharge his debt now if the rate of interest being 10% per annum compounded annually?
4. Find the difference between the simple interest and the compound interest on Rs5000 for 2 years at 6% per annum.
5. Find the compound interest on Rs125000 for 9 months on 8% per annum, compounded quarterly.
6. Sudershan deposited Rs32000 in a bank, where the interest is credited quarterly. If the rate of interest be 5% annum, what amount will he receive after 6 months?
7. Neeraj lent Rs 65536 for 2 years at 12% per annum, compounded annually. How much more could he earn if the interest were compounded half yearly?
8. The simple interest on a sum of money for 2 years at 6% annum is Rs 900. What will be the compound interest on that sum at same rate for the same period ?
9. In how many years will Rs1600 amount to Rs1852.20 at 5% annum when compounded annually?
10. At what rate per cent per annum will Rs4000 amount to Rs 4410 in 2 years when compounded annually?
11. The difference between the compound interest and the simple interest on a certain sum for 2 years at 5% per annum is Rs40. Find the sum.
12. Neha borrowed Rs 24000 from a bank to buy a scooter. If the rate of interest be 10% per annum compounded annually, what payment will she have to make after 2 years 3 months?
13. The simple interest on a sum of money for 3 years at $6\frac{2}{3}\%$ per annum is Rs 6750. What will be the compound interest on the same sum at the same rate for the same period, compounded annually?