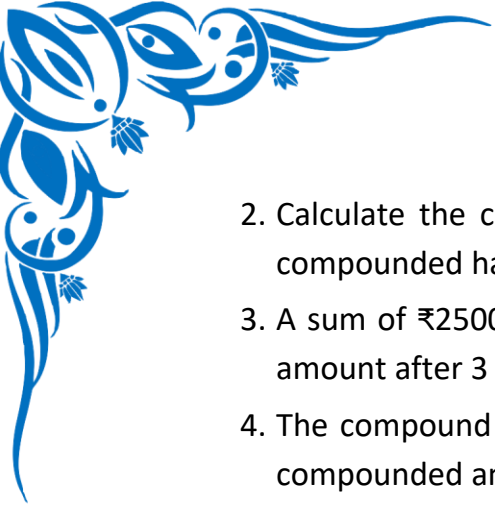




1. Find the amount and compound interest on ₹10000 for 2 years at 5% per annum compounded annually.



2. Calculate the compound interest on ₹6400 for 1.5 years at 10% per annum compounded half-yearly.
3. A sum of ₹2500 is invested at 8% per annum compounded annually. Find the amount after 3 years.
4. The compound interest on ₹2000 in 2 years is ₹420. Find the rate of interest compounded annually.
5. Find the difference between simple interest and compound interest on ₹8000 at 5% per annum for 2 years.

D. Mark each sentence with a True (✓) or False (X):

1. Compound interest is always greater than simple interest when time is more than 1 year. _____
2. In half-yearly compounding, the time is doubled. _____
3. In compound interest, interest is added to principal after every period. _____
4. Compound Interest for 1 year is different from Simple Interest for 1 year. _____
5. If principal is ₹10000 and rate is 10%, the amount after 1 year is ₹11000. _____

E. Challenge yourself with these questions:

1. Find the compound interest on ₹3600 for 3 years at 12% per annum compounded annually.
2. A man invested ₹15000 at 8% per annum compounded annually. Find the amount after 2 years.
3. The compound interest on ₹10000 for 2 years is ₹1025. Find the rate per annum.
4. Find the amount and compound interest when ₹5000 is compounded half-yearly at 8% per annum for 1 year.
5. A sum of ₹6400 becomes ₹7056 in 2 years at compound interest. Find the rate of interest.