

Worksheet-1

MATHEMATICS

CLASS- IX

Section: A,B,C,D,E,F

Note :- Kindly refer to the following books and websites for concepts:

1. Concise MATHEMATICS I.C.S.E. Class IX- By R.K. Bansal
2. Understanding I.C.S.E. MATHEMATICS Class IX- BY M.L. Aggrawal
3. [www.extramarks.com](http://www.extramarks.com)

TOPIC : Compound Interest

Question : Calculate the amount and the compound interest on:

1. ₹10000 for 2 years at 8% p.a. , compounded annually.
2. ₹9600 for 3 years at 12.5% p.a., compounded annually.
3. ₹9450 for 3 years at 6.66% p.a., reckoned annually.
4. ₹5000 for 2 years at 6% p.a., interest payable yearly.
5. ₹8000 for 4 years at 10% p.a., interest reckoned yearly.

Question 6. What sum of money will amount to ₹3630 in two years at 10% per annum compound interest?

Question 7. At what rate percent per annum compound interest will ₹5000 amount to ₹5832 in 2 years?

Question 8. In how many years will ₹4000 amount to ₹5324 at 10% compound interest?

Question 9. Calculate the amount on ₹8000 for 1 year at 9% p.a., compounded semi-annually.

Question 10. Calculate the amount and the compound interest on ₹ 32000 for 6 months at 5% p.a., compounded quarterly.