

**BHARATIYA VIDYA BHAVAN'S V.M.PUBLIC SCHOOL
VADODARA**

Date:	WORKSHEET	Subject: Mathematics
Class: VIII	Compound Interest	

1. Find the amount Akbar would get after three years if he invested Rs. 40,000 at 8% interest compounded annually.
2. Find the compound interest on Rs. 10,000 for 1 year and 3 months at 8% p.a. compounded annually.
3. Compute the compound interest on Rs. 60,000 for $1\frac{1}{2}$ years at 8% per annum compounded half yearly.
4. A man lends Rs. 10,000 at 10.5% p.a. compound interest, payable annually, and another man lends the same sum at 10% per annum compound interest, but payable half yearly. Who is the gainer at the end of one year and by how much?
5. A motorcycle was bought for Rs. 84,000. Its value depreciated @ 8% per annum. Find its value after 2 years.
6. What sum will become Rs. 9261 at 5% per annum compound interest after 3 years?
7. At what rate of compound interest will Rs. 20,000 become Rs. 24,200 after 2 years?
8. After how many years will Rs. 1,600 become Rs. 2,025 at $12\frac{1}{2}$ % per annum compound interest?
9. The difference between C.I. and S.I. for 2 years at 10% per annum is Rs. 50. Find the sum.
10. Rahul borrowed some money from Kunal at 5% per annum compound interest. If two years later he paid Rs. 512.50 as compound interest, what sum did he borrow?