

Class7 Chapter Simple interest Solved paper-2

1. Radhika invested Rs.5000 for 2 years at 11 % per annum. Find the simple interest and the amount received by him at the end of 2 years.
2. Find the simple interest and the amount due on Rs. 7,500 at 8 % per annum for 1 year 6 months.
3. Find the simple interest and the amount due on Rs. 6,750 for 219 days at 10 % per annum.
4. Rahul borrowed Rs. 4,000 on 7th of June 2006 and returned it on 19th August 2006. Find the amount he paid, if the interest is calculated at 5 % per annum
5. Find the rate percent per annum when a principal of Rs. 7,000 earns a SI of Rs.1, 680 in 16 months.
6. Vijay invested Rs.10, 000 at the rate of 5 % simple interest per annum. He received Rs.11, 000 after some years. Find the number of years.
7. A sum of money triples itself at 8 % per annum over a certain time. Find the number of years.
8. A certain sum of money amounts to Rs.10, 080 in 5 years at 8 %. Find the principal
9. A certain sum of money amounts to Rs. 8,880 in 6 years and Rs. 7,920 in 4 years respectively. Find the principal and rate percent.
10. Find the principal that earns `250 as S.I. in $2\frac{1}{2}$ years at 10 % per annum.
11. In how many years will a sum of Rs. 5,000 amount to Rs.5,800 at the rate of 8 % per annum.
12. A sum of money doubles itself in 10 years. Find the rate of interest.
13. A sum of money doubles itself at $12\frac{1}{2}$ % per annum over a certain period of time. Find the number of years.
14. A certain sum of money amounts to Rs. 6,372 in 3 years at 6 % Find the principal.
15. A certain sum of money amounts to Rs. 6,500 in 3 years and Rs. 5,750 in $1\frac{1}{2}$ years respectively. Find the principal and the rate percent?
16. Find the rate per cent at which, a sum of money becomes $\frac{9}{4}$ times in 2 years.
- 17) If Ram needs Rs. 6, 00,000 after 10 years, how much should he invest now in a bank if the bank pays 20 % interest p.a. ?