Class 7th simple interest

Worksheet 1

1. The money borrowed is known as interest. Mark True / False.

a) True b) False

2. Principal = Amount + Interest. Mark True / False.

a) True b) False

3. Interest on Rs. 100 for 1 year is called the rate of interest per annum. Mark True / False.

a) True b) False

4. If P, R, T stands for principal, Rate of interest and time respectively, then Simple Interest = P × R × T. Mark True / False.

a) True b) False

5. T = $P \times R / 100$. Mark True / False.

a) True b) False

6. A sum doubles itself at a simple interest 25% per annum in 4 years. Mark True / False.

a) True b) False

7. Find the simple interest when Principal = Rs. 4000, Rate of interest = 6.5% and time = 5 years.

a) Rs. 1000 b) Rs. 1100
c) Rs. 1200 d) Rs. 1300

8. Find the simple interest when Principal = Rs. 2500, Rate of interest = $9/4$ % and time = 12 years.

a) Rs. 575 b) Rs. 775
c) Rs. 675 d) Rs. 875

9. Find the simple interest on Rs. 6500 at 7% rate of interest for 9 months.

a) Rs. 314.25 b) Rs. 431.25
c) Rs. 341.25 d) Rs. 143.25

10. Find the rate of interest when Principal is Rs. 5000, Simple interest is Rs. 1200 and Time is 3 years.

a) 15% b) 8%
c) 25% d) 10%

11. Find the rate of interest when Principal is Rs. 75000, Amount is Rs. 85000 and Time is 5 years.

a) 2 $\frac{2}{3}$ % b) 7 $\frac{2}{7}$ %
c) 2 $\frac{2}{5}$ % d) 2 $\frac{3}{5}$ %

12. Raj borrowed Rs. 5000 from a bank for 3 years 4 months at 15% per annum. How much he will pay to clear off her loan?

a) Rs. 2500 b) Rs. 5000
c) Rs. 7500 d) Rs. 7000

13. The simple interest on a certain sum for 4 years at 20% per annum is Rs. 1200. Find the sum.

a) Rs. 1100 b) Rs. 1150
c) Rs. 1200 d) Rs. 1500

14. In what time will Rs. 5600 amount to Rs. 7280 at 10% rate of interest per annum?

a) 2 Years b) 3 Years
c) 4 Years d) 5 Years

15. At what rate of interest per annum simple interest will a sum triple itself in 16 years?

a) 10.5% b) 12%
c) 11.5% d) 12.5%

16. Mr. Jhon deposited Rs. 5000 in a bank which pays 12% simple interest. He had taken out Rs. 1000 at the end of first year. What will be his balance after 5 years?

a) Rs. 6808 b) Rs. 6880
c) Rs. 7808 d) Rs. 5808

17. Ramesh borrowed Rs. 60000 from his friend at 8% rate of interest per annum. He returned the amount after 8 months. How much did he pay?

a) Rs. 62300 b) Rs. 63000
c) Rs. 63200 d) Rs. 64200

18. A man borrowed Rs. 50000 from a bank at 15% rate of interest per annum. Find the amount he has to pay after 5 ½ years.

a) Rs. 90250 b) Rs. 91250
c) Rs. 91205 d) Rs. 90205

19. The simple interest on a certain sum is $^{16}/_{25}$ of the sum. If the rate percent per annum and the time are numerically equal, then what is the rate percent?

a) 10% b) 4%
c) 12% d) 8%

20. In what time will a sum of Rs. 8000 amount to Rs. 8360 at 6% per annum simple interest?

a) 4 months b) 7 months
c) 9 months d) 8 months

If you want to download the above worksheet,

Worksheet 2

1. The money borrowed, or lent is known as principal. Mark True / False.

a) True b) False

2. The simple interest depends upon Principal and Rate of interest but does not depend on time. Mark True / False.

a) True b) False

3. The time for which money is borrowed is known as Time (T). Mark True / False.

a) True b) False

4. If P, R, T stands for principal, Rate of interest and time respectively, then Simple Interest = $^{(P\times R\times T)}/_{100}$. Mark True / False.

a) True b) False

5. P = $^{(T \times R \times I)}/_{100}$. Mark True / False.

a) True b) False

6. How long will it take for Rs. 2400 invested at the rate of 10% per annum simple interest to amount to Rs. 3200?

a) 2 ⅓ years b) 1 ⅓ years
c) 3 ⅓ years d) 2 ⅔ years

7. At what rate will Rs. 72000 fetch a simple interest of Rs. 18000 in 6 years?

a) 2 ⅓ % b) 3 ⅙ %
c) 2 ⅕ % d) 4 ⅙ %

8. What sum of money will raise a simple interest of Rs. 1122 in 3 years 4 months at 11% per annum?

a) Rs. 3600 b) Rs. 3060
c) Rs. 3160 d) Rs. 3006

9. If Rohit borrows Rs. 2400 at 9% per annum simple interest, then what amount he has to return at the end of 5 years?

a) Rs. 3408 b) Rs. 3840
c) Rs. 3480 d) Rs. 4380

10. A sum of Rs. 9000 amounts to Rs. 9900 in 5 years. What will it amount to if the rate of interest is increased by 3%?

a) Rs. 11250 b) Rs. 10250
c) Rs. 12250 d) Rs. 12150

11. Find the rate of interest when simple interest on Rs. 75000 in 4 years is Rs. 5000.

a) 2 $\frac{2}{3}$ % b) 2 $\frac{1}{3}$ %
c) 1 $\frac{2}{3}$ % d) 2 $\frac{3}{5}$ %

12. Rs. 14000 is invested at 4% per annum simple interest. How long will it take for the amount to reach Rs. 16240?

a) 3 Years b) 2 Years
c) 5 Years d) 4 Years

13. Bob borrows Rs. 8000 at 12% per annum simple interest and John borrows Rs. 9100 at 10% per annum simple interest. In how many years will their amounts be equal?

a) 21 Years b) 18 Years
c) 22 Years d) 25 Years

14. At simple interest a sum becomes $\frac{5}{2}$ of itself in 2 $\frac{1}{2}$ years. What is the rate of interest per annum?

a) 40% b) 60%
c) 30% d) 50%

15. The simple interest on a certain sum for 4 years at 6% per annum is Rs. 96 less than the simple interest on the same sum for 3 years at 10% per annum. Find the sum.

a) Rs. 1200 b) Rs. 1400
c) Rs. 1500 d) Rs. 1600

16. Simple interest on a certain sum $\frac{9}{25}$ of the sum. Find the rate percent and the time if both are numerically equal.

a) 5%, 5 Years b) 6%, 6 Years
c) 7%, 7 Years d) 8%, 8 Years

17. In what time will Rs. 4800 amounts to Rs. 5200 at 6% per annum simple interest.

a) $\frac{4}{5}$ Years b) $\frac{18}{25}$ Years
c) $\frac{25}{18}$ Years d) None of these

18. A man borrowed Rs. 5000 from a bank at 12% rate of interest per annum. Find the amount he must pay after 3 $\frac{1}{2}$ years.

a) Rs. 7100 b) Rs. 7101
c) Rs. 7010 d) Rs. 9010

19. What sum will amount to Rs. 6526 at 15% per annum simple interest in 2 years?

a) Rs. 5200 b) Rs. 5002
c) Rs. 5020 d) Rs. 6020

20. In what time will a sum of Rs. 1000 amount to Rs. 1200 at 8% per annum simple interest?

a) 22 months b) 30 months
c) 24 months d) 32 months