THINK BIGGER

TCS - 2025

SIMPLE AND COMPUND INTEREST

INNATETALENT

TRANSFORMING FUTURE

Find the amount after 5 years if a sum of Rs. 2760 is invested at a compound interest rate of 5% per annum, compounded annually.

Find the compound interest (CI) on a sum of Rs. 8000 at a rate of 8% per annum, compounded annually, for 3 years.

A person invests 5/2 years at a simple interest rate of 7/2% per annum. If the principal amount is Rs. 2000, find the simple interest.

A simple interest for 5 years is Rs.1256. The compound interest for the same period is Rs.100 more than the simple interest. Find the compound interest.

A person deposits Rs. 5000 in the bank. If Bank A gives an interest rate of 10% as simple interest and Bank B gives an interest rate of 8% as compound interest, what will be the amount in Bank A after 3 years?

The sum of compound interest (CI) and simple interest (SI) for 5 years is Rs.1500 and Rs.1000, respectively. Find the rate of interest.

Mr. X deposited Rs. 500 on January 1, 2019, and Rs. 150 on June 1, 2019. The interest is compounded quarterly at a rate of 8.5% per annum. What will be the total amount in Mr. X's account on January 1, 2020?

Ms. Y deposited Rs. 1000 on March 1, 2019, and Rs. 500 on September 1, 2019. The interest is compounded quarterly at a rate of 7% per annum. What will be the total amount in Ms. Y's account on March 1, 2020?

For the same principal amount, the compound interest for two years at 5% per annum exceeds the simple interest for three years at 3% per annum by Rs.1125. Find the principal amount in rupees.

A husband deposited Rs. 15,000 at 10% compound interest yearly and Rs. 8,000 at 8% compound interest yearly. His wife deposited an amount X at 20% simple interest. If the total amounts after 1 year are equal, what is the value of X?

She invested some amount in different formats. Which of the following plans will yield more income after 1 year?

a) 2.11% of compound interest annually

b) 2.10% of compound interest monthly

c) 2.12% of compound interest quarterly

Which of the following plans will yield more income after 2 years?

a) 3.5% of compound interest annually

b) 3.4% of compound interest quarterly

c) 3.6% of compound interest semi-annually

A person lends a part of Rs. 7000 at the rate of 9% in a simple interest scheme and the remaining amount at the rate of 7% in a simple interest scheme. If he received the total interest after 2 years is Rs. 1120, then find the sum lent at 9%.

Rohan invested Rs.P in compound interest at 20% per annum for 2 years and obtained an interest of Rs.1100. If he invested the same amount in simple interest at 30% per annum for 2 years, then find the interest obtained by Rohan in simple interest?

The simple interest received on a certain sum of money for 4 years at 6% per annum is Rs. 9600. What would be the compound interest for the same sum at 8% per annum for 2 years, compounded annually?

A person deposited a certain amount in the bank at the rate of 5% per annum simple interest in the first year and the rate of interest is increased by 1.5% every year. If he got Rs. 4500 as interest at the end of three years, what is the deposited amount?

A certain sum of money amounts to Rs.14725 at 6.25% per annum simple interest in 3 years. What approximate interest would have been obtained if the same sum is invested at the same rate of compound in the same time period?

Find the difference between the simple interest (SI) and compound interest (CI) on a principal amount of Rs. 20,000 at an interest rate of 10% per annum for 3 years.

The difference between Simple interest and Compound interest on a certain sum at the rate of 8 % per annum for two years is Rs. 128. Find the compound interest on that sum at the rate of 10 % per annum for 2 years?

The difference between the simple interest (SI) and compound interest (CI) on a certain principal amount at a rate of 4% per annum for 2 years is Rs. 400. Find the principal amount.

The difference between the simple interest (SI) and compound interest (CI) on a certain principal amount at a rate of 6% per annum for 2 years is Rs.2560. What is the principal amount?

A person deposits a certain amount in a bank. The bank offers a simple interest rate of 6% per annum and a compound interest rate of 5% per annum, compounded annually. Calculate the difference between the simple interest and compound interest for a period of 4 years.

A person takes a loan and has to repay it in two equal annual installments of Rs. 9000 each. If the rate of interest is 9% compounded annually, find the difference between the total amount paid in installments and the principal amount of the loan.

Rahul takes a sum of Rs.2310 as a loan. He has to repay this in two equal annual installments. If the rate of interest is 20% compounded annually, what percent of the principal amount taken by Rahul is the total amount paid by him?

A loan was repaid in two equal installments of Rs. 25000 each in two years. If the rate of interest is 9(1/2)% compounded annually, then find the difference between the amount of loan taken and the total interest paid.

DIFFERENTIATE

"YOURSELF"

FROM OTHERS !!

YouTube

SUBSCRIBE

INNATETALENT
TRANSFORMING FUTURE

INNATETALENT
TRANSFORMING FUTURE