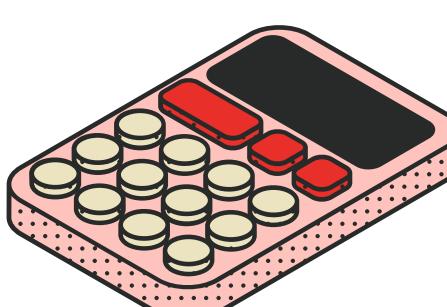


Chapter 1: The Discovery



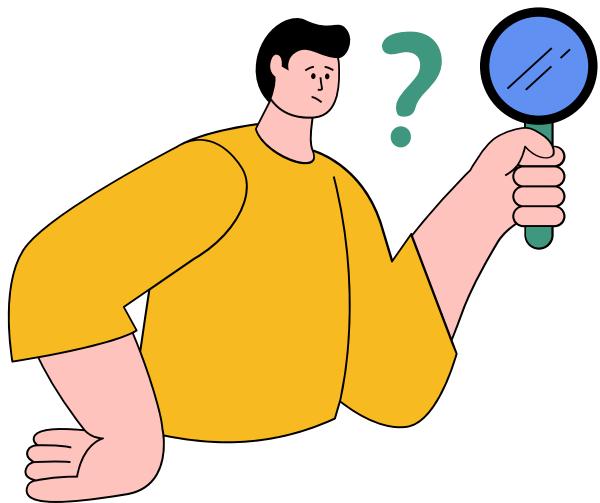
In the bustling city of Bangalore, amidst the skyscrapers and busy streets, lived a young boy named Arjun. Arjun was a curious soul, always eager to explore the world around him. But when it came to math, he often found himself feeling lost in a sea of numbers.

One day, while rummaging through a box of old books in his apartment building's basement, Arjun stumbled upon a dusty tome filled with strange symbols and equations. Intrigued, he carried the book up to his apartment and showed it to his neighbor, Mr. Rao, a retired math teacher.



With a twinkle in her eye, Mr. Rao explained that the book belonged to a famous mathematician and that the page Arjun had found contained a puzzle about loans and interest.

Chapter 2: The Struggle



Arjun's head spun as he tried to make sense of the puzzle. **"What's a loan? And what's interest?"** he asked Mr. Rao.

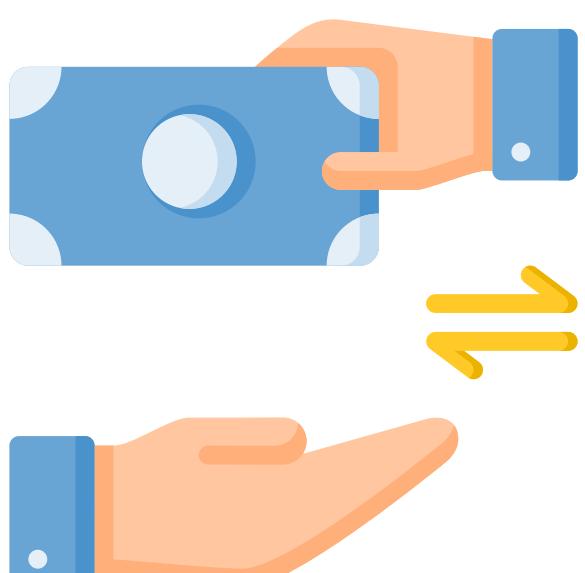
Mr. Rao smiled patiently and explained that a loan is when someone borrows money, and interest is the extra money you have to pay back when you borrow.



Arjun nodded, but he still felt confused. **"How do we figure out how much to pay back?"** he asked.



Mr. Rao patted his shoulder reassuringly. **"That's what we're going to find out together, Arjun,"** he said.



Chapter 3: The Insight

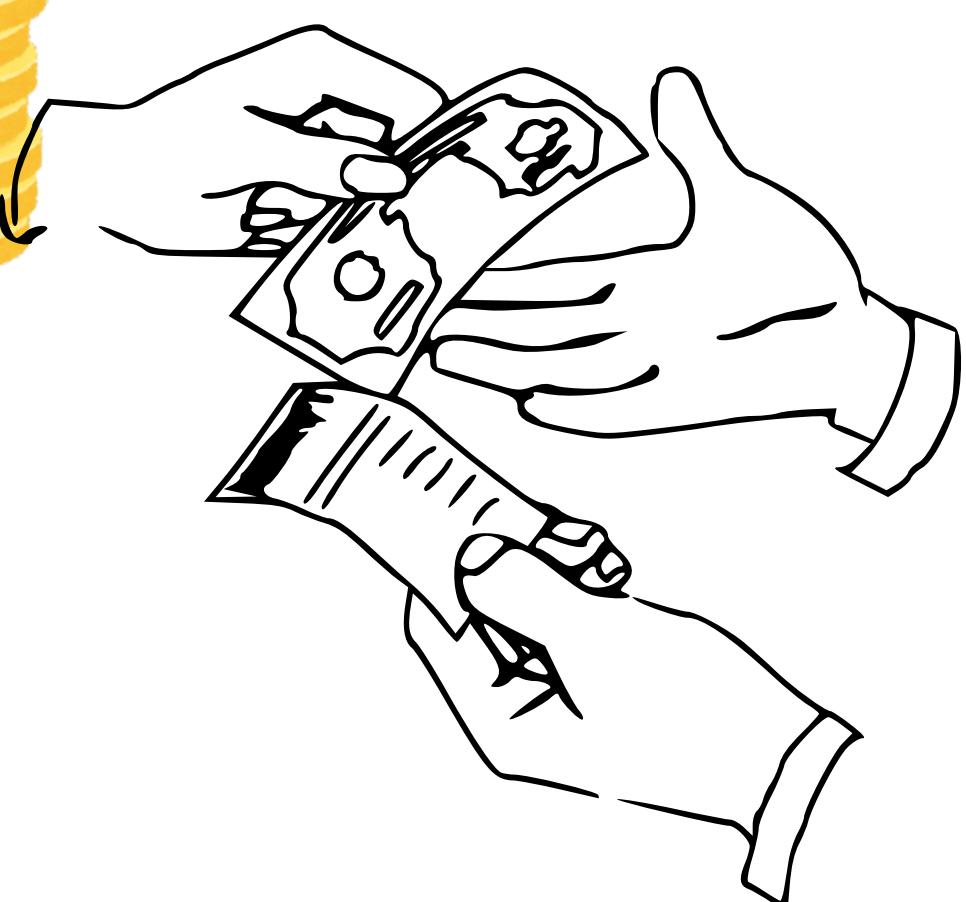
To help Arjun understand, Mr. Rao used an example from their own neighborhood. "**Let's say you borrow 100 rupees from me,**" he said. "**And let's pretend that I want you to pay back 10% extra as interest.**"



Arjun's eyes widened with curiosity. "**But how much extra do I have to pay back?**" he asked.

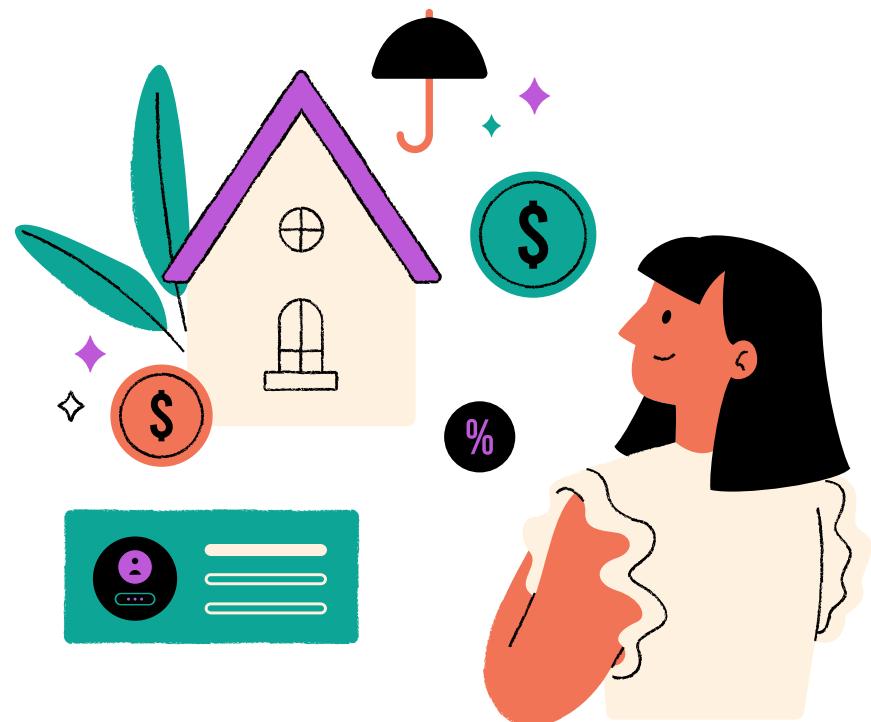


Mrs. Rao smiled. "**That's what we're going to figure out,**" she said.



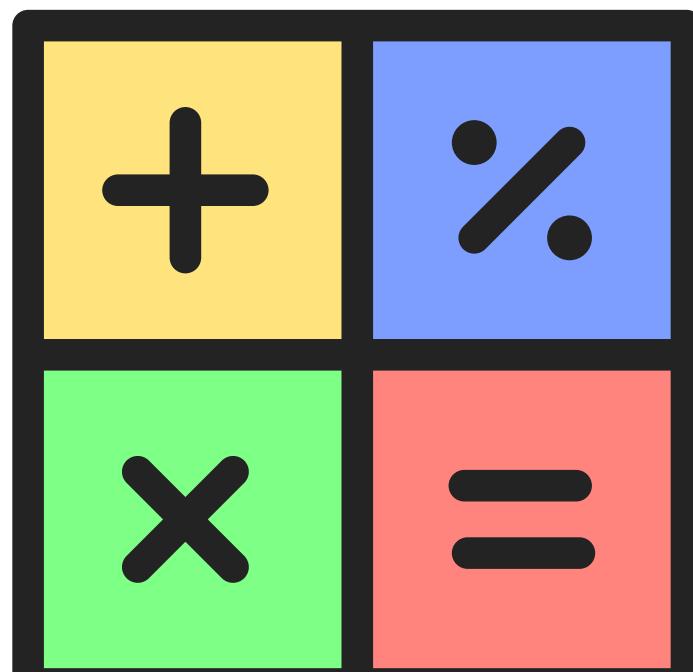
Chapter 4: The Determination

Arjun grabbed a notebook and a pen, determined to solve the puzzle. **"So, if I borrow 100 rupees and the interest rate is 10%, that means I have to pay back 10 rupees extra,"** he said, jotting down the numbers.



"But how do we find the total amount?" he wondered aloud.

Mr. Rao nodded approvingly. **"That's where the formula comes in,"** he said. **"To find the total amount, we add the original amount of the loan to the interest."**



Chapter 5: The Calculation

Arjun concentrated hard, carefully following Mr. Rao's instructions. "**So, if I add 100 rupees to the 10 rupees of interest, that makes 110 rupees,**" he exclaimed, a grin spreading across his face.



Mr. Rao beamed with pride. "**Exactly, Arjun!**" he said. "**So, if you borrow 100 rupees at a 10% interest rate, you'll have to pay back 110 rupees in total.**"

Arjun's eyes sparkled with understanding as he realized how simple interest worked. With newfound confidence, he thanked Mr. Rao for her help

