

Objective

By the end of this lesson, you will be able to apply arithmetic concepts in a fun and engaging way while exploring your interest in Roblox.

Materials and Prep

- Computer or device with internet access
- Roblox account
- Paper and pencil

No prior knowledge or preparation is required.

Activities

1. Roblox Currency Conversion

Choose a popular game within Roblox that involves in-game currency. Research the exchange rate between the in-game currency and Robux (the main currency in Roblox). Use this exchange rate to convert a certain amount of in-game currency to Robux and vice versa. Write down the steps and calculations involved.

2. Roblox Store Discounts

Visit the Roblox store and find an item you would like to purchase. Look for any ongoing discounts or promotions. Calculate the discounted price of the item using the given percentage off. Write down the original price, the discount percentage, and the final price.

3. Roblox Avatar Customization

Choose a Roblox avatar customization option that requires you to select from a variety of colors, patterns, or accessories. Create different combinations and calculate the total number of unique avatar designs you can create. Write down the number of options for each category and the total number of unique designs.

Seventh Grade Talking Points

- "Arithmetic is an essential branch of mathematics that deals with numbers, operations, and calculations."
- "In Roblox, we can apply arithmetic concepts to tasks such as currency conversion, discounts, and counting possibilities."
- "Currency conversion involves determining the value of one currency in terms of another."
- "Discounts help us calculate the reduced price of an item based on a percentage off."
- "Counting possibilities allows us to determine the total number of unique combinations or options."
- "By exploring arithmetic in the context of Roblox, we can make math more enjoyable and relatable to our interests."