

Title: Finding Combinations to Make 8 Rupees

Description: In this practical exercise, students will explore different ways to combine Indian coins to create a total of 8 rupees. This activity will help them develop their logical thinking and problem-solving skills.

Purpose: The purpose of this exercise is to encourage students to think critically and understand how different denominations of coins can be combined to reach a specific total. By finding various combinations, students will enhance their understanding of addition and logical reasoning.

Steps:

1. Understand the Coin Denominations:

- Familiarize yourself with the available coins:
 - 10 Rupee Coin
 - 5 Rupee Coin
 - 2 Rupee Coin
 - 1 Rupee Coin

2. Your Goal:

- Your goal is to find all the different ways to make a total of **8 rupees** using the coins mentioned above.

3. Combinations to Reach 8 Rupees:

- There are **7 different ways** to reach a total of **8 rupees**.
- Here's one example: **4 x 2 Rupee coin**
- Now, find the remaining **6 combinations** that also total **8 rupees**. Write your answers in the space provided below:

2. _____

3. _____

4. _____

5. _____

6. _____

7. _____

4. **Check Your Work:**

- Once you have listed all your combinations, check to ensure that each combination correctly totals to **8 rupees**.

5. **Share Your Findings:**

- After completing the exercise, share your combinations with the class. Discuss any different methods you used to find your answers.