

Logic Puzzles Challenge

#6



The Treasure Hunt Puzzle

Puzzle:

There are four treasure chests, each with a different treasure: gold coins, silver coins, jewels, and a magic wand.

Use the clues to figure out which treasure is in which chest.

- 1. The chest with gold coins is not next to the chest with silver coins.**
- 2. The chest with jewels is not the first or the last chest.**
- 3. The magic wand is in the chest next to the chest with jewels.**



The Treasure Hunt Puzzle



Solution:

- **Clues Breakdown:**
 - a. **Gold \neq next to Silver**
 - b. **Jewels \neq First, Jewels \neq Last**
 - c. **Magic Wand = next to Jewels**

Deductions:

- Jewels must be in the second or third chest.
- The magic wand must be next to jewels, so if jewels are in the second chest, the magic wand must be in the first or third chest. If jewels are in the third chest, the magic wand must be in the second or fourth chest.
- The gold coins cannot be next to the silver coins.
- If the jewels are in the second chest, the magic wand can be in the first or third chest. This does not conflict with the positioning of the gold coins and silver coins.
- If the jewels are in the third chest, the magic wand can be in the second or fourth chest. This does not conflict with the positioning of the gold coins and silver coins.
- Let's place jewels in the second chest, then magic wand in the third chest, which leaves gold coins and silver coins for the first and fourth chests.
- The gold coins cannot be next to the silver coins, so gold coins must be in the first chest, and silver coins must be in the fourth chest.

Final Placement:

- **Chest 1: Gold coins**
- **Chest 2: Jewels**
- **Chest 3: Magic wand**
- **Chest 4: Silver coins**

