

Logic Puzzles Challenge

#7



The Talent Show Puzzle

Puzzle:

Four contestants (Mia, Noah, Olivia, and Paul) each perform a different talent: singing, dancing, magic tricks, and juggling. Use the clues to figure out each contestant's talent.

- 1. Mia does not sing or perform magic tricks.**
- 2. Noah's talent is not juggling.**
- 3. Olivia performs magic tricks.**
- 4. Paul's talent is not dancing.**



The Treasure Hunt Puzzle



Solution:

- **Clues Breakdown:**
 - a. Mia \neq Sing, Mia \neq Magic
 - b. Noah \neq Juggling
 - c. Olivia = Magic
 - d. Paul \neq Dancing

Deductions:

- Olivia performs magic tricks.
- Mia cannot sing or perform magic tricks, so she must dance or juggle.
- Noah's talent is not juggling, so he must sing or dance.
- Paul cannot dance, so he must sing or juggle.
- Mia cannot sing, and since Olivia performs magic, Mia must juggle.
- Noah cannot juggle, so he must sing.
- Paul cannot dance, so he must juggle.
- This leaves dancing for Mia.
- the first chest, and silver coins must be in the fourth chest.

Final Placement:

- Mia: Dancing
- Noah: Singing
- Olivia: Magic tricks
- Paul: Juggling

