

Logic Puzzles Challenge

#11



The Concert Puzzle

Puzzle:

Four friends (Isa, Jake, Kelly, and Liam) each play a different instrument in the school band: violin, piano, drums, and flute.

Use the clues to determine which instrument each friend plays.

- 1. Isa does not play violin or piano.**
- 2. Jake plays drums.**
- 3. Kelly does not play flute.**
- 4. Liam plays piano.**



The Concert Puzzle



Solution:

- **Clues Breakdown:**
 - a. **Isa \neq Violin, Isa \neq Piano**
 - b. **Jake = Drums**
 - c. **Kelly \neq Flute**
 - d. **Liam = Piano**

Deductions:

- **Jake plays drums.**
- **Liam plays piano.**
- **Isa does not play violin or piano, so she must play flute or drums. Since Jake plays drums, Isa must play flute.**
- **Kelly does not play flute, so she must play violin.**

Final Placement:

- **Isa: Flute**
- **Jake: Drums**
- **Kelly: Violin**
- **Liam: Piano**

