

Logic Puzzles Challenge

#12



The Sports Team Puzzle

Puzzle:

Four kids (Quinn, Rachel, Sam, and Tom) each play a different sport: soccer, basketball, tennis, and baseball.

Use the clues to determine which sport each kid plays.

- 1. Quinn does not play soccer or basketball.**
- 2. Rachel plays tennis.**
- 3. Sam does not play baseball.**
- 4. Tom's sport is not soccer.**





The Sports Team Puzzle

Solution:

- **Clues Breakdown:**

- a. **Quinn \neq Soccer, Quinn \neq Basketball**
- b. **Rachel = Tennis**
- c. **Sam \neq Baseball**
- d. **Tom \neq Soccer**

Deductions:

- **Rachel plays tennis.**
- **Quinn cannot play soccer or basketball, so he must play tennis or baseball. Since Rachel plays tennis, Quinn must play baseball.**
- **Sam cannot play baseball, so he must play soccer or basketball.**
- **Tom cannot play soccer, so he must play basketball.**
- **This leaves soccer for Sam.**

Final Placement:

- **Quinn: Baseball**
- **Rachel: Tennis**
- **Sam: Soccer**
- **Tom: Basketball**

