Problem-Solving Strategy:
Use Logical Reasoning

Use logical reasoning to solve each problem.

1. Curtis, Laura, Brian, and Richard are playing a game where they take turns. Laura did not go first or second. Brian went before Curtis. Richard went last. In what order do the players take their turns?

2. Barry, Willis, and Joann each own either a guitar, a drum set, or a keyboard. Barry does not own an instrument with keys. Joann owns a guitar. What instrument does each person own?

3. Melissa, Maura, Anna, and Leslie each have a different favorite ice cream flavor. The ice cream flavors are vanilla, strawberry, chocolate, and mint chocolate chip. Maura does not like chocolate or vanilla. Anna does not like strawberry. Melissa does not like vanilla. Leslie likes mint chocolate chip. What is each person’s favorite ice cream flavor?