

### The Problem

Suzanne was having a party at her house. The group was discussing birthdays and talking about planning parties. After listening for a while Suzanne said, “There is something interesting about my birthday. Two days ago I was 13, but next year I’ll be 16.” If Suzanne was telling the truth, what kind of party was she having?



### Strategies and Hints

1. Read the problem carefully so you understand exactly what Suzanne said.
2. List several kinds of parties Suzanne might be having.
3. Determine the dates of specific types of parties. For example, a Valentine’s Day party would occur on February 14.
4. What important things would you list if you were making a chart to solve this problem?