15 The Summer Reading Club has 49 members. This week, everyone read either *Snake Patrol*, *Haunted Hotel*, or both books. There were 31 children in all who read *Snake Patrol* and 11 children who read both books. How many children read ONLY *Snake Patrol*? How many children in all read *Haunted Hotel*?

FIND OUT

What do you have to find out to solve the problem?

What does the problem tell you about the number of children in the Summer Reading Club?

What does the problem tell you about the number of children who read these books?
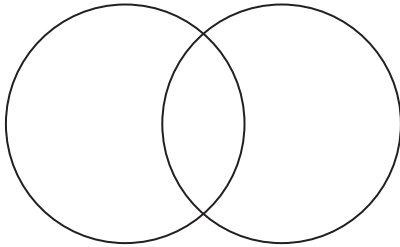
CHOOSE STRATEGIES

You can **Use or Make a Picture or Diagram** to help you solve this kind of problem. Use a Venn circle diagram. This diagram has two circles that overlap. Put numbers in each part of the circles to help you work out the problem.

SOLVE IT

Look at the Venn circle diagram.

Snake Patrol   **Haunted Hotel**

1. What is the label at the top of one circle?

   At the top of the other circle?

2. The part where the circles overlap is inside both circles. What label could you put on this overlapping part of the circles?

3. What number can you put here that fits the labels for both circles?

4. Do the 31 children who read *Snake Patrol* include the 11 children who read both books?

5. How can you find the number of children who read **only** *Snake Patrol*?

6. How many children read **only** *Snake Patrol*? Write this number where it belongs.

7. How can you find the number of children who read only *Haunted Hotel*?

8. How many read **only** *Haunted Hotel*?

9. How can you find the number of children in all who read *Haunted Hotel*?

10. How many children read **only** *Snake Patrol*?

    How many children in all read *Haunted Hotel*?

LOOK BACK

- Read the problem again.
- Check over your work.
- Did you answer the question that was asked?
- Does your answer make sense?