

Two Rings

- Goals**
- Organize data in two-ring Venn diagrams.
 - Identify data relationships.
 - Use logical reasoning, addition, and subtraction to solve problems.

Notes You may want to provide students with blocks of the specified colors, shapes, and sizes that they can place in the regions of the rings to check their answers.
Solutions to all problems in this set appear on page 47.

Two Rings I

Questions to Ask

- How many blocks are in the ring that holds all of the red blocks? (8) How do you know? ($3 + 5 = 8$)
- How many of those blocks are red and large? (3)
- How many blocks did Jenny put in the rings? (12)
- How many blocks have not been counted? (4) How do you know? ($3 + 5 = 8$, and $12 - 8 = 4$) What number will you write on the line in the rings? (4)
- How many large blocks are there in all? (7) How do you know? ($4 + 3 = 7$)

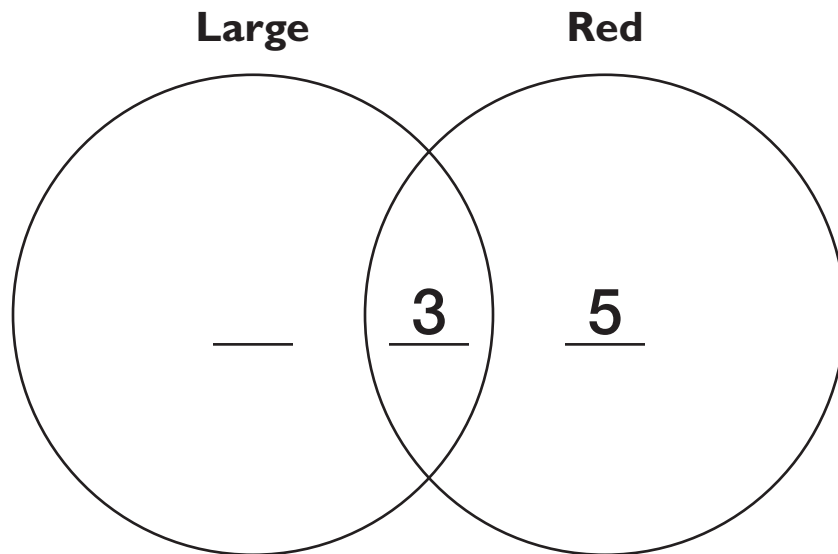
Solutions

1. 8
2. 3
3. 7
4. Possible answer: There are 12 blocks in all. Since $3 + 5 = 8$ and $12 - 8 = 4$, the missing number is 4. That means that there are $4 + 3$, or 7, large blocks.

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Jenny put 12 blocks in the rings.

Fill in the missing number.



1. How many blocks are red? _____

2. How many blocks are large and red? _____

3. How many blocks are large? _____

4. Tell how you know. _____
