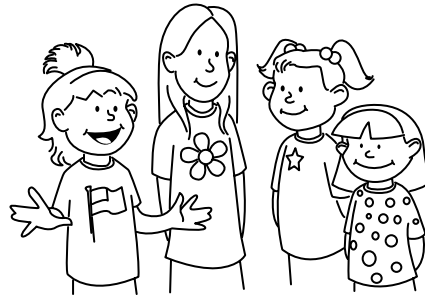


# Problem-Solving Strategy: Use Logical Reasoning

**Problem** The picture shows Amanda and her three sisters, Lori, Becky, and Joni. Amanda does not have a star on her T-shirt. Becky does not have a flower or a flag on her T-shirt. Joni's shirt has polka dots. Lori does not have a flag on her shirt. Label the girls in the picture.



**UNDERSTAND**

1. Which person can you label using only the information in the problem? What shirt is she wearing?

\_\_\_\_\_

**PLAN**

2. When you write *yes* in a square in a row or column, what is true of the rest of the squares in that row or column?

\_\_\_\_\_

**SOLVE**

3. Fill in the chart with *yes* or *no*. Then label the drawing above.

	<b>Star</b>	<b>Flower</b>	<b>Flag</b>	<b>Polka Dot</b>
<b>Amanda</b>				
<b>Lori</b>				
<b>Becky</b>				
<b>Joni</b>				

**LOOK BACK**

4. **Write About It** How can you check your answer?

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