Using the Whiteboard

- Discuss the problem with students.
- Guide a volunteer to use the **Pen** to write a problem.
- Guide a different volunteer to use the **Pen** to write a solution.

Teaching the Math

This problem requires students to use higher order thinking skills to analyze a picture, then write and solve a problem based on the picture.

Say: Describe how you could change the problem by changing the number of rows of candles. Then solve the problem. Possible answers: If there were 7 rows of candles, the total would be 84 candles. If 8 are sold, $84 - 8 = 76$. You could arrange 76 candles into 2 equal rows of 38 candles or 4 equal rows of 19 candles.

Answer Key

Possible problem: The shop sells 8 of the candles in the display. How can the remaining candles be arranged so there are an equal number in each row?

Possible solution: There are 6 rows of 12 candles, 6×12, or 72 candles in all. If 8 candles are sold, there will be 64 candles left. $72 - 8 = 64$. To make even rows, the candles could be arranged in 8 rows of 8 candles or 4 rows of 16 candles, or 2 rows of 32 candles.