



Using the Whiteboard

- Discuss the problem with students.
- Pull out the Math Idea tab and discuss the Distributive Property with students.
- Ask a volunteer to use the **Shapes Tool** to outline a rectangle to model $69 \div 3$ on the grid.
- Ask another volunteer to use the **Highlighter Tool** to shade columns of 3 until 69 squares have been shaded.
- Tap the first **Action Arrow**.
- Ask a student to answer the question; tap **Answer** to check the student's answer.
- Tap the second **Action Arrow**.
- Ask a volunteer to use the **Highlighter Tool** to show how the larger rectangle can be broken into two smaller rectangles, each distinguished by a different color.
- Tap the third **Action Arrow**.
- Ask students to complete the mathematical sentences.
- Tap **Answer** to check student answers.

Teaching the Math

Discuss the Distributive Property for division and how to use it to find a quotient.

Ask: How do you know what size rectangle to make? **Possible answer:** I need to have 69 squares in groups of 3, so I shade columns of 3 squares each until 69 squares are shaded.

Ask: How do you know how to break apart the model? **Possible answer:** I look for two numbers with the sum of 69 that divide evenly by 3, so I break it into 60 squares and 9 squares.

Ask: What represents the dividend in each division problem? **the number of squares in the rectangle**

Ask: What represents the divisor? **the number of rows**

Ask: What represents the quotient? **the number of columns**

Answer Key

