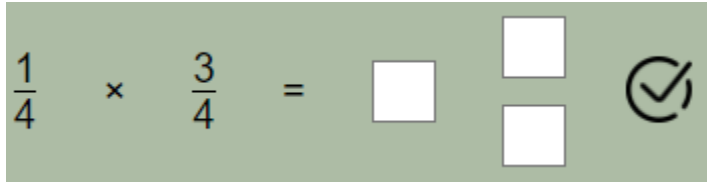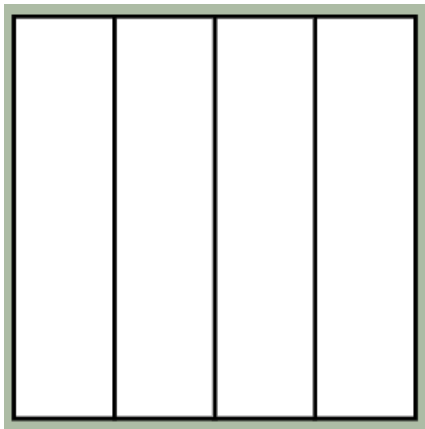## Multiplication Walkthrough

(Please note this walkthrough shows a valid way to solve this problem there are other ways to also arrive at the correct solution.)

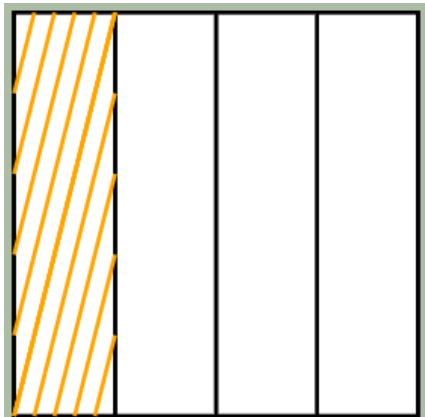Welcome to the Multiplication Operation! For this example, we will be solving the following problem:

$$\frac{1}{4} \times \frac{3}{4} = \square \frac{\square}{\square} \checkmark$$

To begin we will select the Vertical Cut Tool [✂]. Then mouse over the Unit Square until three vertical black lines appear and click.
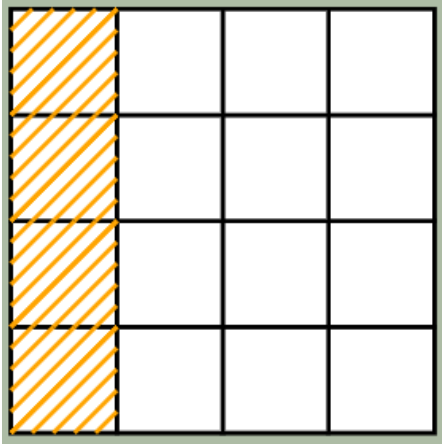
Select the Vertical Color Tool [■]. Then click one of the columns in the Unit Square.
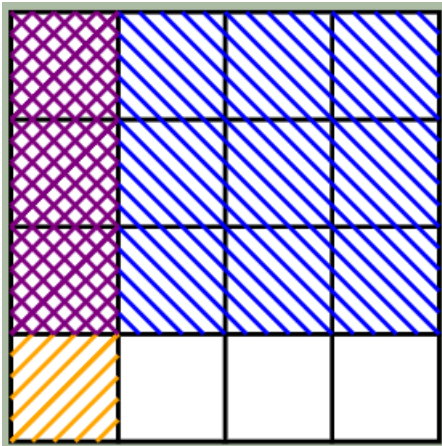
Select the Horizontal Cut Tool . Then mouse over the Unit Square until three horizontal black lines appear and click.

Select the Horizontal Color Tool . Then click three of the rows in the Unit Square.

Click the Visual Answer Check Tool . If you answered the problem correctly a green checkbox will appear.

Count the number of purple squares and the total number of squares. In this example we have 3 purple squares and a total of 16 squares. Enter the numeric answer in the Numeric Answer Checker.

$$\frac{1}{4} \quad \times \quad \frac{3}{4} \quad = \quad \square \quad \frac{3}{16}$$

Click the Numeric Answer Check [✓]. If you got the answer correct a green checkbox will appear.

$$\frac{1}{4} \quad \times \quad \frac{3}{4} \quad = \quad \square \quad \frac{3}{16}$$ ✅

If you want to restart the problem click the Reset Tool ⟲ .