

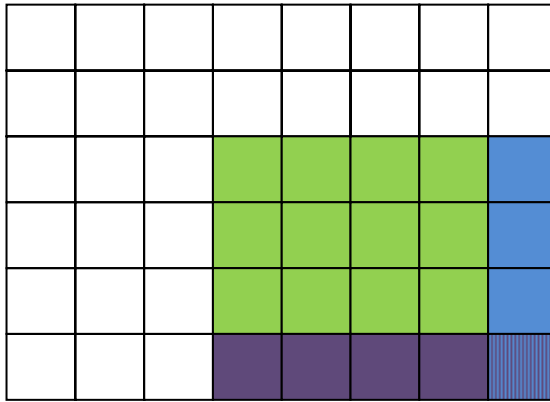
Name _____

Date _____

Rectangles with Fractional Sides - Step-by-Step Lesson

Lesson 1 Multiplication Problem:

Use the model to complete the multiplication sentence.



$$\frac{4}{6} \times \frac{\quad}{8} = \frac{20}{48}$$

Explanation:

The square map above shows a total of 48 units.

4 out of 6 rows are shaded blue. This column represents the fraction $\frac{4}{6}$.

20 out of 48 sections are shaded in both colors because the product is 20 units of 48 total units.

This would require **5 out of 8 a row** being shaded purple. This row represents the fraction $\frac{5}{8}$ of a row.

The bottom right square represents where both a single **blue** and **purple** block are.

The product is $\frac{20}{48}$

The multiplication sentence is:

$$\frac{4}{6} \times \frac{5}{8} = \frac{20}{48}$$

The missing number is 5.

