

Name \_\_\_\_\_

Date \_\_\_\_\_

### Comparing The Size of Fractional Products - Guided Lesson Explanation

#### Explanation#1

Step 1) First, we look to see what is being asked of us.

1) "Shade in the bars  $\frac{2}{3}$  of  $\frac{1}{2}$ ."

Step 2)  $\frac{2}{3}$  of  $\frac{1}{2}$

$$\frac{1}{2} \times \frac{2}{3} =$$

Cancel the common factor.

$$\frac{1}{2} \times \frac{2}{3} = \frac{1}{1} \times \frac{1}{3} = \frac{1}{3}$$

Step 3)



Answer is  $\frac{1}{3}$

#### Explanation#2

Richard has a 16 pieces of orange candy bar.

He gives Alvarez  $\frac{1}{4}$

$$16 \times \frac{1}{4}$$

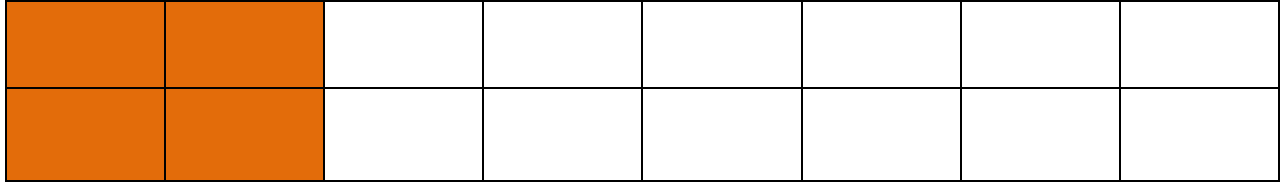
$$= 4 \text{ orange candy bar}$$



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Alvarez has 4 pieces of orange candy bar. As we see below:



### Explanation#3

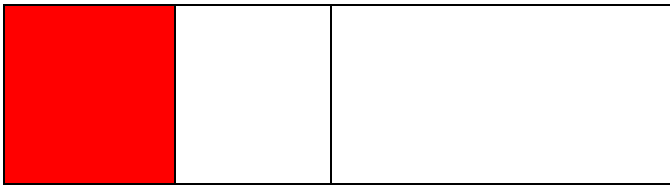
2/4 of 1/2

$$\frac{1}{2} \times \frac{2}{4} =$$

Cancel the common factor

$$\frac{1}{2} \times \frac{2}{4} = \frac{1}{1} \times \frac{1}{4} = \frac{1}{4}$$

Step 3)



Answer is  $\frac{1}{4}$

