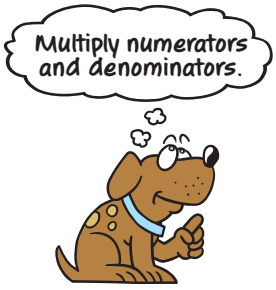
Multiplying Fractions

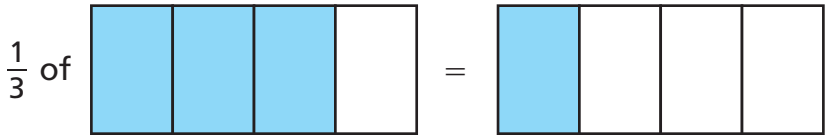
Name _____

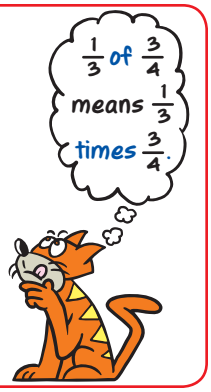
Key Concept and Vocabulary



Cancel common factors.

$$\frac{1}{3} \times \frac{3}{4} = \frac{1 \times \cancel{3}}{\cancel{3} \times 4} = \frac{1}{4}$$



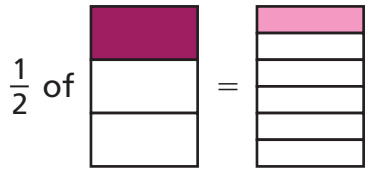


PRACTICE MAKES *PURR*-FECT™

Check your answers at BigIdeasMath.com.

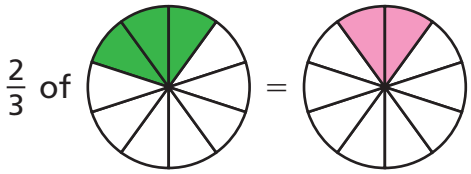
Shade the product. Write the problem in ____.

1.



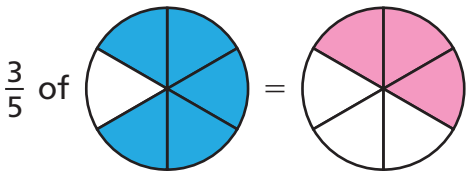
$$\frac{1}{2} \times \frac{1}{3} = \frac{1}{6}$$

2.



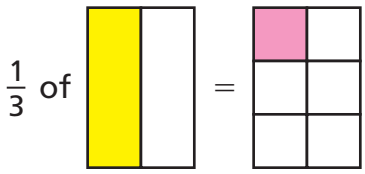
$$\frac{2}{3} \times \frac{3}{10} = \frac{2}{10}$$

3.



$$\frac{3}{5} \times \frac{5}{6} = \frac{3}{6}$$

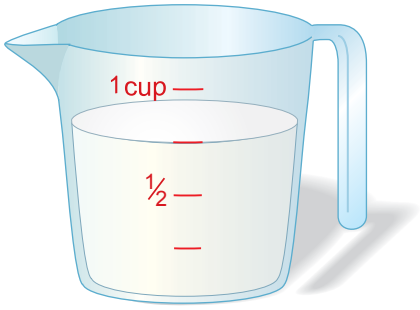
4.



$$\frac{1}{3} \times \frac{1}{2} = \frac{1}{6}$$

5. RECIPE A recipe for muffins needs three-fourths of a cup of milk. You are making half of the recipe. How much milk should you use?

$\frac{3}{8}$ cup



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