

Name: _____

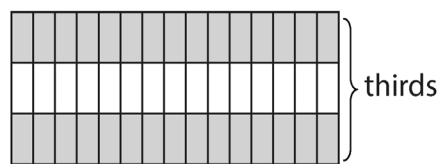
Solve problems in real-world context involving multiplication of fractions and mixed numbers.

1. Barista Bailey uses $\frac{1}{5}$ of a container of milk in each latte he makes. How many containers of milk will he need to make 10 lattes? Solve the equation $\frac{1}{5} \times 10 = x$



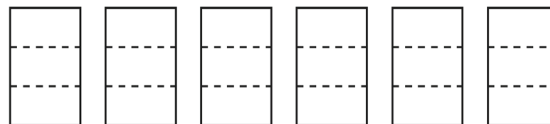
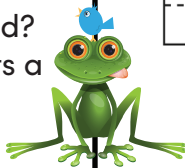
5.NF.6

2. Scout has a table at the market. She pays the market owner $\frac{1}{3}$ of what she makes each day. How much will Scout have to pay if she makes \$45? Use the model to solve; then write your answer in the box.



5.NF.6

3. The bird feeder holds $1\frac{2}{3}$ cups of seed. Jarnel wants to fill three bird feeders. How many cups of seed will he need? Use the model. Each bar represents a cup in 3 equal parts.



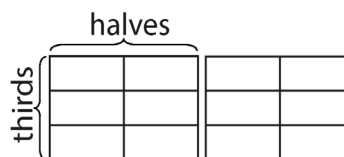
5.NF.6

4. Violet spends $3\frac{1}{2}$ hours at the park. She spends half that time playing with her sister. How many hours does Violet play with her sister? Draw a picture to help solve the problem. (Hint: find one-half of three and one-half.)



5.NF.6

5. Charlie has $1\frac{1}{2}$ pounds of topsoil. If he uses $\frac{2}{3}$ of it for his new garden, how much topsoil does he use? Use the model.



5.NF.6

6. Mr. Brown has 7 gallons of paint that he will equally divide among 15 buckets for his workers. What fraction of a gallon goes into each bucket? Write an equation and solve it.



5.NF.6

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Solve problems in real-world context involving multiplication of fractions and mixed numbers.

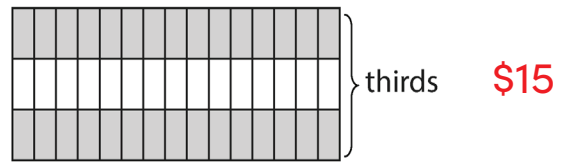
1. Barista Bailey uses $\frac{1}{5}$ of a container of milk in each latte he makes. How many containers of milk will he need to make 10 lattes? Solve the equation $\frac{1}{5} \times 10 = x$



$x = 2 \text{ containers}$

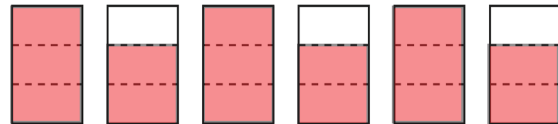
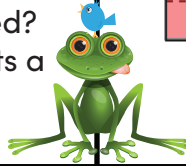
5.NF.6

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5.NF.6

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5 cups

5.NF.6

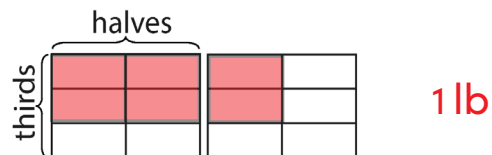
4. Violet spends $3\frac{1}{2}$ hours at the park. She spends half that time playing with her sister. How many hours does Violet play with her sister? Draw a picture to help solve the problem. (Hint: find one-half of three and one-half.)

$1\frac{3}{4}$ hours



5.NF.6

5. Charlie has $1\frac{1}{2}$ pounds of topsoil. If he uses $\frac{2}{3}$ of it for his new garden, how much topsoil does he use? Use the model.



5.NF.6

6. Mr. Brown has 7 gallons of paint that he will equally divide among 15 buckets for his workers. What fraction of a gallon goes into each bucket? Write an equation and solve it.

$7 \div 15 = c$; $\frac{7}{15}$ of a gallon



5.NF.6