Name: _____ Date: _____

MathByExample

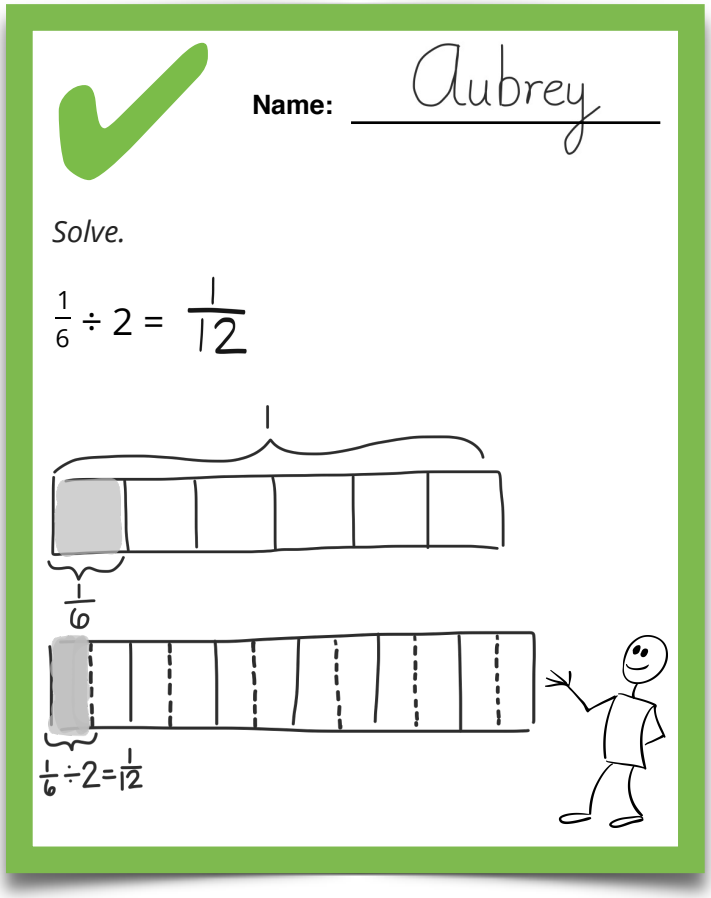
Multiplying and Dividing Fractions

Division of a Fraction by a Whole Number

CCSS 5.NF.B.7.A

SET ONE

1. Study Aubrey's correct work.



2. Answer these questions.

- Why did Aubrey divide the top diagram into six parts?

- Why did Aubrey divide the bottom diagram into twelve parts?

3. Then complete this one.

Solve.

$\frac{1}{4} \div 3 =$

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Division of a Fraction by a Whole Number, continued

SET TWO

1. Study Zach's incorrect work.

X

Name: ZACH

Solve.

$\frac{1}{8} \div 4 = \frac{1}{2}$

$\frac{1}{8} \div 4$

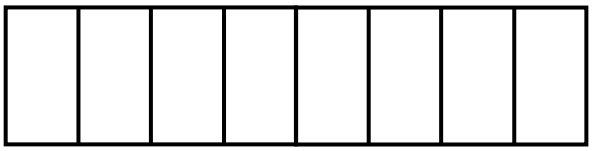
$\frac{1}{8 \div 4}$

$\frac{1}{2}$

2. Answer these questions.

- Rather than dividing by 4, what number did Zach divide $\frac{1}{8}$ by?

- Partition the diagram to represent $\frac{1}{8} \div 4$.



- Based on the diagram above, should the answer be smaller or larger than $\frac{1}{8}$?

3. Then complete this one.

Solve.

$\frac{1}{5} \div 3 =$

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