

**Grade 5 Unit 3**

Lesson 11

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**Unit 3 Lesson 11: Divide Unit Fractions by Whole Numbers****WU Number Talk: Double the Divisor (Warm up)**

## Student Task Statement

Find the value of each expression mentally.

- $72 \div 4$
- $36 \div 4$
- $4 \div 4$
- $1 \div 4$

**1 More Macaroni and Cheese**

## Student Task Statement

Jada and her 2 sisters equally share  $\frac{1}{2}$  a pan of macaroni and cheese.

1. Draw a diagram to represent the situation.
2. Explain how this expression represents the situation:  $\frac{1}{2} \div 3$
3. How much of the whole pan of macaroni and cheese will each person get?

**2 More People Share**

## Student Task Statement

1. 4 people equally share  $\frac{1}{2}$  a pan of macaroni and cheese.
    - a. Draw a diagram to represent the situation.
    - b. Explain how your diagram represents  $\frac{1}{2} \div 4$ .
    - c. How much of the whole pan of macaroni and cheese did each person get? Be prepared to explain your reasoning.
  2. 5 people equally share  $\frac{1}{2}$  a pan of macaroni and cheese.
    - a. Draw a diagram to represent the situation.
    - b. Explain how your diagram represents  $\frac{1}{2} \div 5$ .
    - c. How much of the whole pan of macaroni and cheese did each person get? Be prepared to explain
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your reasoning.

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3. How are the problems the same? How are they different?