## 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.

* $72÷4$
* $36÷4$
* $4÷4$
* $1÷4$

### 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: $\frac{1}{2}÷3$
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.
	1. Draw a diagram to represent the situation.
	2. Explain how your diagram represents $\frac{1}{2}÷4$.
	3. 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.
	1. Draw a diagram to represent the situation.
	2. Explain how your diagram represents $\frac{1}{2}÷5$.
	3. How much of the whole pan of macaroni and cheese did each person get? Be prepared to explain your reasoning.
3. How are the problems the same? How are they different?



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