## Lesson 3: Interpret Equations

* Let’s use equations to show the relationship between division and fractions.

### Warm-up: What Do You Know About ?

What do you know about ?

### 3.1: Dehydrated Dancers



1. Three dancers share 2 liters of water. How much water does each dancer get? Write a division equation to represent the situation.
2. Mai said that each dancer gets of a liter of water because 3 divided into 2 equal groups is . Do you agree with Mai? Show or explain your reasoning.

### 3.2: Interpret Expressions

1. Complete the table. Draw a diagram if it is helpful.

| * number of dancers | * liters of water | * division expression | * amount of water each dancer drank in liters |
| --- | --- | --- | --- |
| * 4 | * 2 |  |  |
|  |  |  |  |
|  |  |  |  |
| * 4 |  |  |  |
|  | * 5 |  |  |

1. What patterns do you notice in the table?



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