# Lesson 14: Representemos la división de números enteros entre fracciones unitarias

### Standards Alignments

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| --- | --- |
| Addressing | 5.NF.B.7.b |

### Teacher-facing Learning Goals

* Divide a whole number by a unit fraction.
* Relate diagrams, situations and expressions that represent division of a whole number by a unit fraction.

### Student-facing Learning Goals

* Resolvamos problemas en los que se divide un número entero entre una fracción unitaria.

### Lesson Purpose

The purpose of this lesson is for students to solve problems involving division of a unit fraction by a whole number and write equations to represent them.

In the previous lesson, students solved problems involving division of a whole number by a unit fraction. In this lesson, students continue to find quotients of a whole number by a unit fraction. In this lesson, however, they find the value of expressions without being provided a tape diagram. The numbers are not too large, however, so they may still draw a diagram if it is helpful. In the second activity, students look simultaneously at expressions involving quotients of a whole number by a fraction and quotients of a fraction by a whole number.

### Access for:

###  Students with Disabilities

* Action and Expression (Activity 1)

### Instructional Routines

MLR7 Compare and Connect (Activity 1), Number Talk (Warm-up)

### Lesson Timeline

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| --- | --- |
| Warm-up | 10 min |
| Activity 1 | 20 min |
| Activity 2 | 15 min |
| Lesson Synthesis | 10 min |
| Cool-down | 5 min |

### Teacher Reflection Question

Reflect on times you observed students listening to one another’s ideas today in class. What norms would help each student better attend to their classmates' ideas in future lessons?

## Cool-down

(to be completed at the end of the lesson) 5min

Resuelve y empareja la expresión

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### Student-facing Task Statement

1. Un paquete tiene 2 tazas de uvas pasas. Cada porción de uvas pasas es $\frac{1}{4}$ de taza.
	1. ¿Cuál expresión le corresponde a esta situación: $2÷\frac{1}{4}$ o  $\frac{1}{4}÷2$? Explica o muestra cómo razonaste.
	2. ¿Cuántas porciones de uvas pasas hay en el paquete? Explica o muestra tu razonamiento.

### Student Responses

* 1. $2÷\frac{1}{4}$ since the 2 cups is being divided into servings that are each $\frac{1}{4}$ cup.
	2. 8. Sample response: each cup has four $\frac{1}{4}$ cup so that’s 8 total.