

Divide Whole Numbers by Fractions

Lesson 6-9

Name: Type your name

Date: Today's date

Class: Class period

My Notes

Level 2 Standard



TODAY'S OBJECTIVES

Content Objective: I can divide a whole number by a fraction by multiplying by the reciprocal.

Language Objective: I can explain my steps using the words fraction, reciprocal, quotient, and Keep, Change, Flip.



See **Learn It** for the explanation and worked examples, and the **Vocab** tab for the words. These are your notes to fill in and keep.



Fill in each blank as we go. Use the Word Bank to help you.



WORD BANK — FILL EACH BLANK WITH THE BEST WORD

Divide Whole Numbers by Fractions

Whole Number

Fraction

Reciprocal

Keep, Change, Flip

Quotient



Tap any word to see what it means and a picture.

1

Multiply the whole number by the of the fraction.

2

A counting number like 0, 1, 2, or 3 with no fraction or decimal part is a

.

3

A number that shows part of a whole, like $\frac{3}{4}$, is a .

4

The fraction you get by flipping a fraction upside down is its

.

5

To divide by a fraction, I : keep the first number, change $\div$ to $\times$, and flip the second fraction.

6

The answer to a division problem is the .

Write About the Math

How does dividing a whole number by a fraction help the detective?

¿Cómo ayuda dividir un número entero entre una fracción al detective?

Say your answer to a partner first. Then write it, using at least two of these words:

☐ **Divide Whole Numbers by Fractions**

Dividir números enteros entre fracciones

☐ **Whole Number**

Número entero

☐ **Fraction**

Fracción

☐ **Reciprocal**

Recíproco

☐ **Keep, Change, Flip**

Mantener, cambiar, invertir

Model: Each whole pound makes 2 half-pound bags, so 4 pounds makes 8 bags. — Students see that $4 \div 1/2 = 8$ and explain there are 2 halves in each whole pound.

Start

Complete the frames. Use the word bank.

Completa las oraciones. Usa el banco de palabras.

- The detective can set up ____ markers because $10 \div 1/4 =$ ____.
- My answer is ____ because ____.

Mi respuesta es ____ porque ____.

Build

Write two connected sentences. Use because, so, or but.

Escribe dos oraciones conectadas. Usa porque, entonces o pero.

- My claim is ____.
- My evidence is ____, so ____.

Mi afirmación es ____.

Mi evidencia es ____, entonces ____.

Explain

Write a claim, give math evidence, and explain your reasoning.

Escribe una afirmación, da evidencia matemática y explica tu razonamiento.

☐ I answered the question.

☐ I used math evidence: numbers, an equation, or a model.

☐ I used at least two math words.