

Lesson 12: Estimemos y sumemos

Standards Alignments

Addressing 5.NBT.B.7

Teacher-facing Learning Goals

- Add decimals to the hundredths place using strategies based on place value.

Student-facing Learning Goals

- Sumemos números decimales y pensemos si nuestras respuestas son razonables o no.

Lesson Purpose

The purpose of this lesson is for students to estimate and find the value of addition expressions with decimals.

In a previous lesson, students found decimal sums in a way that made sense to them. In this lesson, students see that the standard algorithm for whole number addition, familiar from a previous course, also works for decimals. Students then estimate sums and find their values. Students are not required to use the standard algorithm, but see how it is an efficient way to add.

Display the Decimal Addition chart from a previous lesson to be used during the lesson synthesis.

Access for:

Students with Disabilities

- Representation (Activity 2)

Instructional Routines

MLR1 Stronger and Clearer Each Time (Activity 1), Number Talk (Warm-up)

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	20 min
Lesson Synthesis	10 min

Teacher Reflection Question

What did you say, do, or ask during the lesson synthesis that helped students be clear on the learning of the day? How did understanding the cool-down of the lesson before you started teaching today help you synthesize that learning?

Cool-down (to be completed at the end of the lesson)

🕒 5 min

Sumas de decimales

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Student-facing Task StatementEncuentra el valor de $3.45 + 21.6$. Explica o muestra cómo razonaste.**Student Responses**

25.05. Sample responses:

- $21 + 3 = 24$, $0.40 + 0.60 = 1.00$, $24 + 1 = 25$, $25 + 0.05 = 25.05$

$$\begin{array}{r} 3.45 \\ + 21.60 \\ \hline 25.05 \end{array}$$

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