

Lesson 14: Múltiplos de 10,000 y de 100,000

Standards Alignments

Addressing 4.NBT.A.2, 4.NBT.A.3

Building Towards 4.NBT.A.3

Teacher-facing Learning Goals

- Identify the closest multiples of 1,000, 10,000, and 100,000 to a given whole number.

Student-facing Learning Goals

- Exploremos múltiplos de 1,000, de 10,000 y de 100,000, y descubramos cómo se relacionan con otros números.

Lesson Purpose

The purpose of this lesson is for students to reason about the position of numbers relative to their multiples of 1,000, 10,000, and 100,000.

Prior to this point, students have learned to compare and order large numbers. They have also read, written, and decomposed numbers in terms of place value. In this lesson, students look at the relationship between multi-digit numbers and multiples of 1,000, 10,000, and 100,000. Number lines are the central representation of this lesson. They allow students to reason visually before they transition to reasoning numerically when they round numbers in future lessons.

Access for:



Students with Disabilities

- Engagement (Activity 1)



English Learners

- MLR8 (Activity 2)

Instructional Routines

Choral Count (Warm-up)

Materials to Gather

- Stickers: Activity 1
- Sticky notes: Activity 1

Materials to Copy

- On Which Line Do They Belong? (0-700,000 number line) (groups of 30): Activity 1

Lesson Timeline

Warm-up

10 min

Teacher Reflection Question

Who participated in math class today? What

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

assumptions are you making about those who did not participate? How can you leverage each of your student's ideas to support them in being seen and heard in tomorrow's math class?

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

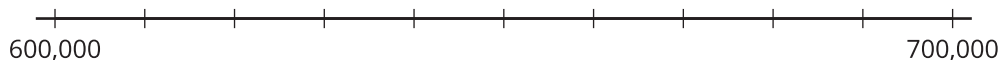
 5 min

Cerca de 627,800

Standards Alignments

Addressing 4.NBT.A.3

Student-facing Task Statement



1.
 - a. ¿Cuáles son los dos múltiplos de 10,000 que están más cerca de 627,800?
 - b. ¿Cuál de esos dos múltiplos de 10,000 está más cerca de 627,800?
2.
 - a. ¿Cuáles son los dos múltiplos de 100,000 que están más cerca de 627,800?
 - b. ¿Cuál de esos dos múltiplos de 100,000 está más cerca de 627,800?

Student Responses

1.
 - a. 620,000 and 630,000.
 - b. 630,000 is the nearest to 627,800.
2.
 - a. 600,000 and 700,000.
 - b. 600,000 is the nearest to 627,800.