Lesson 16: Sumemos tres números

Standards Alignments

Addressing   1.OA.B.3, 1.OA.C.6, 1.OA.D.7

Teacher-facing Learning Goals

- Make sense of equations with addition expressions on both sides of the equal sign (For example, $3 + 6 + 7 = 10 + 6$).
- Use the associative property to make a ten when adding three numbers.

Student-facing Learning Goals

- Sumemos 3 números.

Lesson Purpose

The purpose of this lesson is for students to apply the commutative and associative properties in order to make a ten when adding three numbers within 20, and make sense of equations with addition expressions on both sides of the equal sign.

In the previous lesson students found the sum of three addends in which two addends made a ten. They considered different methods for finding the sums. In this lesson, students make sense of equations with addition expressions on both sides of the equal sign. One of the expressions has three addends, two of which make 10. Students apply what they learned about the commutative and associative properties to match these expressions to a $10 + n$ expression, and determine whether equations are true or false.

Access for:

⬥ Students with Disabilities

- Representation (Activity 1)

⬥ English Learners

- MLR2 (Activity 1)

Instructional Routines

Number Talk (Warm-up)

Materials to Gather

- Connecting cubes or two-color counters: Activity 1, Activity 2, Activity 3

- Double 10-frames: Activity 1, Activity 2, Activity 3

Lesson Timeline

Warm-up	10 min
Activity 1	15 min
Activity 2	10 min
Activity 3	10 min
Lesson Synthesis	10 min
Cool-down	5 min

Teacher Reflection Question

Think about a time you recently made a mistake during math class. How did you leverage your mistake to show students that mistakes are just learning in process?

Cool-down (to be completed at the end of the lesson)   🕐 5 min

Súmalos

Standards Alignments

Addressing   1.OA.B.3, 1.OA.C.6

Student-facing Task Statement

Encuentra el valor de la suma.

$3 + 8 + 7$

Muestra cómo pensaste. Usa dibujos, números o palabras.

Ecuación: _____

Student Responses

18. Sample responses:

- I showed 3 on my 10-frame and saw there were 7 left to make 10. So I added 7 from the expression to make 10. Then I know that $10 + 8 = 18$.
- 3 and 7 make 10. $10 + 8 = 18$