

Lesson 7: Respondamos preguntas sobre gráficas de barras con escala

Standards Alignments

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|------------------|----------|
| Building On | 2.OA.C.3 |
| Addressing | 3.MD.B.3 |
| Building Towards | 3.MD.B.3 |

Teacher-facing Learning Goals

- Solve one-step “how many more” and “how many fewer” problems within 100, based on the data presented in scaled bar graphs.

Student-facing Learning Goals

- Respondamos preguntas sobre datos representados en gráficas de barras.

Lesson Purpose

The purpose of this lesson is for students to solve one-step “how many more” and “how many fewer” problems based on data presented in a scaled bar graph.

In grade 2, students solved simple Put Together, Take Apart, and Compare problems using data represented in a single-unit scaled bar graph.

In this lesson, students solve one-step Compare problems using data represented in scaled bar graphs.

Access for:

Students with Disabilities

- Representation (Activity 2)

English Learners

- MLR8 (Activity 2)

Instructional Routines

How Many Do You See? (Warm-up)

Materials to Gather

- Materials from a previous lesson: Activity 1

Lesson Timeline

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|------------------|--------|
| Warm-up | 10 min |
| Activity 1 | 15 min |
| Activity 2 | 20 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)

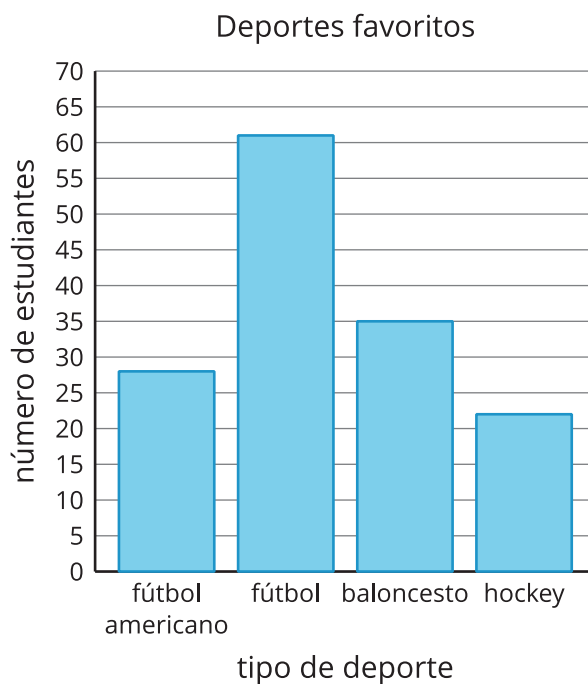
🕒 5 min

Deportes favoritos

Student-facing Task Statement

A un grupo de estudiantes le preguntaron: “¿Cuál es tu deporte favorito?”.

Sus respuestas se muestran en esta gráfica de barras:



Usa la gráfica para responder las preguntas.

1. ¿Cuántos estudiantes más escogieron fútbol que fútbol americano? Muestra cómo pensaste. Usa expresiones o ecuaciones.

2. ¿Cuántos estudiantes menos escogieron hockey que baloncesto? Muestra cómo pensaste. Usa expresiones o ecuaciones.

Student Responses

1. 33 students. Sample response: $28 + 2 = 30$, $30 + 31 = 61$, and $2 + 31 = 33$.
2. 13 students. Sample response: $35 - 22 = 13$