

# Lesson 5: Representemos datos en gráficas de barras con escala

## Standards Alignments

Addressing 3.MD.B, 3.MD.B.3

Building Towards 3.MD.B.3

## Teacher-facing Learning Goals

- Represent data using scaled bar graphs.

## Student-facing Learning Goals

- Hagamos una gráfica de barras con escala.

## Lesson Purpose

The purpose of this lesson is for students to create a scaled bar graph.

In a previous lesson, students collected categorical class data and learned how to create a scaled picture graph. Students now make connections between scaled picture graphs and scaled bar graphs, and expand the idea of a scale that is more than one to bar graphs. In this lesson students choose a scale of 2 or 5 for their bar graph.

## Math Community

Tell students that, at the end of the lesson, they will be asked to identify specific examples of norms they experienced as they did math.

## Access for:

### Students with Disabilities

- Engagement (Activity 2)

### English Learners

- MLR7 (Activity 2)

## Instructional Routines

Number Talk (Warm-up)

## Materials to Gather

- Materials from a previous lesson: Activity 2

## Lesson Timeline

Warm-up	10 min
Activity 1	10 min
Activity 2	25 min
Lesson Synthesis	10 min
Cool-down	5 min

## Teacher Reflection Question

Based on students' prior work with scaled picture graphs, what strategy did you anticipate today? What strategy did you not anticipate?

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

 5 min

Completa una gráfica de barras con escala

### Standards Alignments

Addressing 3.MD.B.3

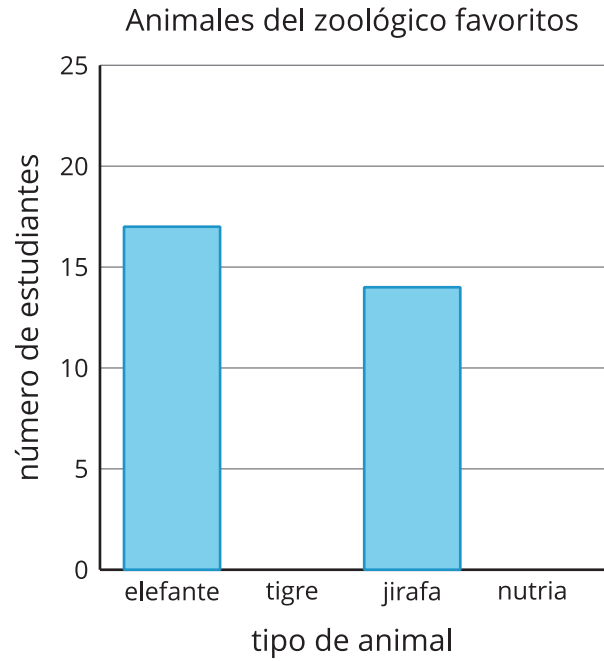
### Student-facing Task Statement

A unos estudiantes que estaban de visita en el zoológico les preguntaron: “¿Cuál es tu animal favorito del zoológico?”.

Sus respuestas se muestran en esta tabla:

animal	número de estudiantes
elefante	17
tigre	10
jirafa	14
nutria	4

Usa los datos de la tabla para completar la gráfica de barras con escala.



### Student Responses

Student bar graphs should show 10 students chose tigers and 4 students chose otters.

