# Lesson 12: Representemos y resolvamos problemas de multiplicación

### Standards Alignments

|  |  |
| --- | --- |
| Addressing | 3.OA.A.1, 3.OA.A.3 |

### Teacher-facing Learning Goals

* Represent and solve multiplication problems.

### Student-facing Learning Goals

* Representemos y resolvamos problemas en los que hay grupos iguales.

### Lesson Purpose

The purpose of this lesson is for students to represent and solve multiplication problems.

In previous lessons, students learned different ways to represent equal group situations with drawings, tape diagrams, and expressions. The purpose of this lesson is for students to solve problems involving equal groups with a representation of their choice.

### Access for:

###  Students with Disabilities

* Representation (Activity 2)

###  English Learners

* MLR8 (Activity 2)

### Instructional Routines

How Many Do You See? (Warm-up), MLR5 Co-craft Questions (Activity 1)

### Lesson Timeline

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

### Teacher Reflection Question

What strategy did each student seem most comfortable using to find products today?

## Cool-down

(to be completed at the end of the lesson) 5min

Patos en un lago

### Standards Alignments

|  |  |
| --- | --- |
| Addressing | 3.OA.A.3 |

### Student-facing Task Statement

Hay 4 lagos. En cada lago hay 5 patos. ¿Cuántos patos hay en total?

Usa diagramas, símbolos u otras formas para mostrar cómo pensaste.

### Student Responses

20 ducks. Sample responses:

* $4×5$
* 5, 10, 15, 20

