# Lesson 13: Encontremos el área de algunas figuras

### Standards Alignments

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| --- | --- |
| Addressing | 3.MD.C.7.d, 3.NBT.A.2 |

### Teacher-facing Learning Goals

* Calculate the area of ungridded figures made of rectangles using multiplication and addition.

### Student-facing Learning Goals

* Encontremos el área de algunas figuras.

### Lesson Purpose

The purpose of this lesson is for students to calculate the area of ungridded figures made of rectangles using multiplication and addition.

Students continue to find the area of figures composed of rectangles by decomposing them into non-overlapping rectangles. In this lesson, the square tiling is slowly removed to focus students on multiplying side lengths to find area.

### Access for:

###  Students with Disabilities

* Engagement (Activity 1)

###  English Learners

* MLR7 (Activity 2)

### Instructional Routines

Number Talk (Warm-up)

### Lesson Timeline

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

### Teacher Reflection Question

This lesson is designed to help students shift toward multiplying to find areas, rather than by counting unit squares. Did you see this shift in students' strategies? What questions could you ask students about their strategies to help them make that shift if they are still counting frequently?

## Cool-down

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

Encuentra el área

### Standards Alignments

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| --- | --- |
| Addressing | 3.MD.C.7.d |

### Student-facing Task Statement

Encuentra el área de esta figura. Explica o muestra tu razonamiento.



### Student Responses

24 square inches. Sample response: I saw two rectangles making an L shape. I multiplied $2×8$ to find the area of the top rectangle and $2×4$ to find the area of the bottom rectangle. I added 16 and 8 to find the area of the whole figure.