

G3 Playlist: Finding Area of a Rectangle

Aligns with *CCSS.MATH.CONTENT.3.MD.C.7A*: Find the area of a rectangle with whole-number side lengths by tiling it, and show that the area is the same as would be found by multiplying the side lengths.

Related Standards

- *CCSS.MATH.CONTENT.3.MD.C.7*: Relate area to the operations of multiplication and addition. (This is the main standard under which this lesson falls).

PREVIEW



Objectives

In this module, you will learn and practice the following skills:

- Find the area of a rectangle with whole-number side lengths through tiling
- Compare the strategy of tiling a rectangle to the strategy of multiplying side lengths of a rectangle to find area

Let's get started!

Key Terms

- **Tiling** refers to covering a plane, or flat surface, with smaller pieces so that there are no gaps or overlaps.
- **Area** is the space within a closed shape.

PREVIEW



Finding the Area of a Rectangle

(3.MD.C.7A)

Tiling refers to covering a plane, or flat surface, with smaller pieces so that there are no gaps or overlaps. **Area** is the space within a closed shape.

If your students...

Misconception #1: Mixes up area and perimeter

WATCH: Finding perimeter and area of a rectangle

<https://www.opened.com/video/finding-perimeter-and-area-of-a-rectangle/63188>

For extra practice with finding the area of a rectangle:

PLAY: Find the area of rectangles

<https://www.ixl.com/math/grade-3/area-of-rectangles>

PLAY: Area of a rectangle

http://mrnussbaum.com/grade_3_standardsarea_of_a_rectangle/

