

Grade 3 - Area - Worksheet

Common Core 3.MD.C.5, 3.MD.C.6, 3.MD.C.7 · maths-pdf.fr/en/

Name: _____ Class: _____ Date: ____/____/____

This **area practice worksheet** for 3rd Grade covers area (Common Core 3.MD.C.5, 3.MD.C.6, 3.MD.C.7), with a free PDF to print.

These 20 problems practice finding area by counting unit squares, multiplying side lengths, and adding the areas of parts (Common Core 3.MD.C.5, 3.MD.C.6, and 3.MD.C.7). The first problems use pictures, the middle ones use missing sides and the distributive property, and the last six are word problems.

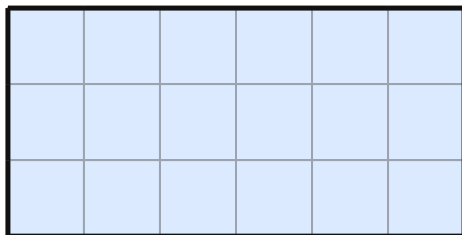
Show your work and write each answer in square units.

Grade 3 · Common Core State Standards: **3.MD.C.5, 3.MD.C.6, 3.MD.C.7**

Area practice worksheet: exercises 1 to 10

Exercise 1 - Count unit squares

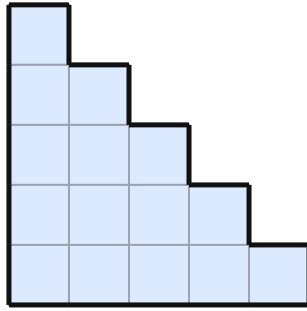
Count the unit squares in the rectangle. Write its area.



Count the unit squares.

Exercise 2 - Staircase area

Find the area of the staircase. Each small square is 1 square unit.



A staircase of unit squares.

Exercise 3 - Square-inch tiles

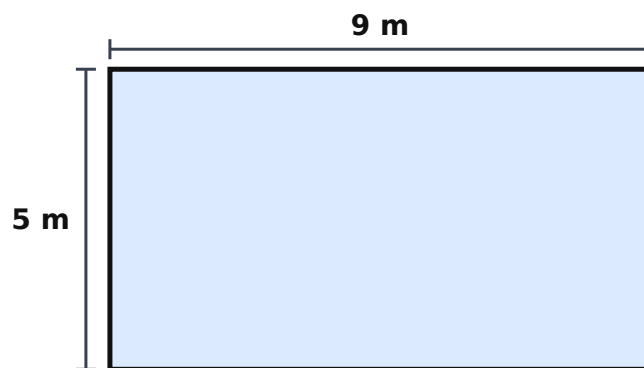
Mei covers a card with square-inch tiles. She makes 2 rows of 9 tiles. Find the area of the card.

Exercise 4 - Area from sides

A rectangle is 13 feet long and 3 feet wide. Find its area.

Exercise 5 - Labeled rectangle

Find the area of the rectangle.



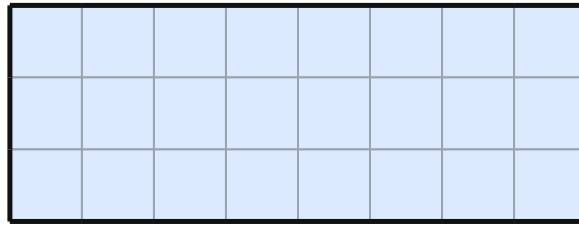
A rectangle 9 meters by 5 meters.

Exercise 6 - Square area

A square sticker has sides of 7 inches. Find its area.

Exercise 7 - Array and multiplication

Write a multiplication sentence for the area of the array. Then find the area.



An array of unit squares.

Exercise 8 - Missing side

A rectangle has an area of 36 square centimeters and a width of 4 centimeters. Find its length.

Exercise 9 - Same area, new order

Compare the areas of a 6-by-9 rectangle and a 9-by-6 rectangle. Which is larger?

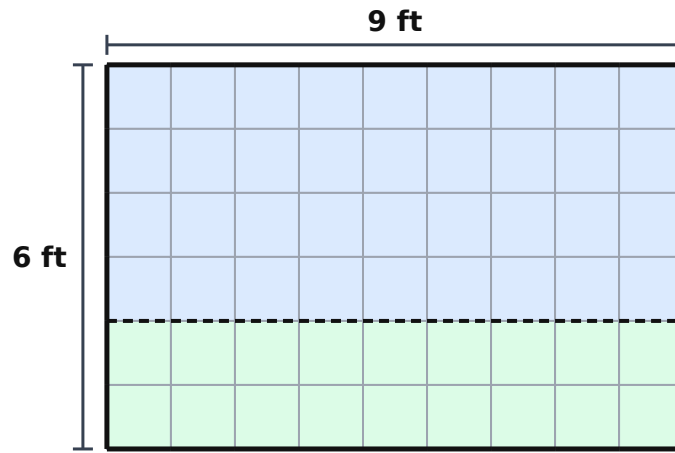
Exercise 10 - Break apart a fact

Complete: $8 \times 7 = (8 \times 5) + (8 \times \boxed{})$. Then find the product.

Exercises 11 and up

Exercise 11 - Split rectangle

The top part is 4 feet tall and the bottom part is 2 feet tall. Find the area of each part, then the area of the whole rectangle.



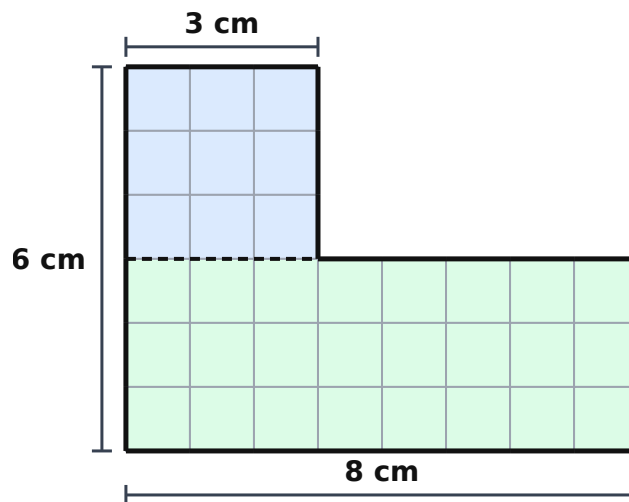
A rectangle split into two parts.

Exercise 12 - Distributive property

Find the value of $5 \times (6+3)$ by writing it as the sum of two products.

Exercise 13 - L-shaped figure

The bottom part is 8 cm wide. Every part is 3 cm tall. Find the area of the figure.



An L-shaped figure.

Exercise 14 - Rug area

Maya has a rug that is 8 feet long and 5 feet wide. How many square feet of floor does it cover?

Exercise 15 - Garden bed

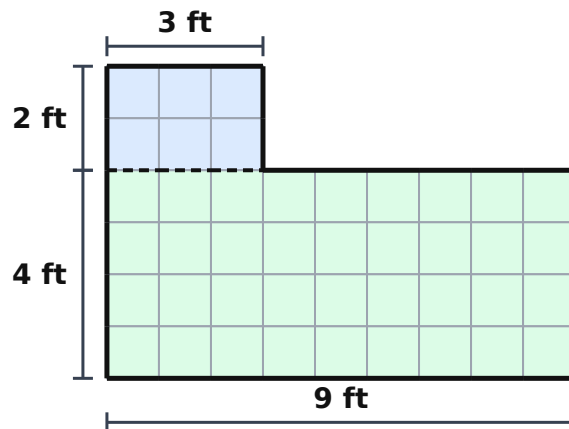
A school garden bed is 11 yards long and 6 yards wide. Find its area.

Exercise 16 - Tiles for a wall

Jamal covers a wall that is 9 feet wide and 4 feet tall with square tiles. Each tile is 1 foot on each side and costs \$2. What is the total cost?

Exercise 17 - Room with an alcove

Sofia drew the floor plan of her room. Find the total floor area.



Floor plan of a room with an alcove.

Exercise 18 - Poster width

Ethan's poster has an area of 63 square inches. It is 7 inches wide. How tall is it?

Exercise 19 - Compare two rectangles

Diego draws a rectangle 12 units by 4 units. Aisha draws a square with sides of 7 units. Whose shape has the larger area, and by how much?

Exercise 20 - Painting two walls

Liam paints 2 walls. Each wall is 10 feet long and 8 feet tall. What total area does he paint?

Key facts behind this area practice worksheet

Key facts

- A unit square has sides 1 unit long and an area of 1 square unit.
- Rectangle area = length $\times$ width (rows times squares in each row).
- Area is always written in square units, such as square feet.
- The distributive property splits a big rectangle into two small ones: $8 \times 6 = (5 \times 6) + (3 \times 6)$.
- Find the area of an L-shape by cutting it into rectangles and adding.

How to use this area practice worksheet

Work through the exercises in order: they go from simple to challenging. Write every step on paper, then compare with the solutions page and redo any exercise you missed the next day.

Download the area practice worksheet as a PDF with the button below and keep it with your notes.