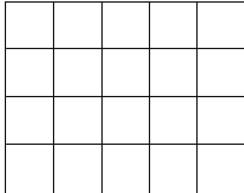


Everyday Area

Area is the measurement of the square units inside a shape. Counting square units is one way to find the area of a shape. This is why we label the units as **square units** or **units²**.



One way to calculate the area is by counting the number of square units inside this rectangle.

Area = _____ square units

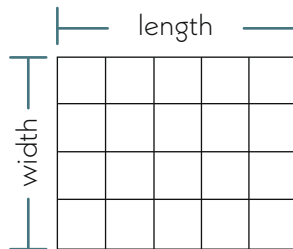


But wait!
There's a
faster way
to calculate
the area!



... By using the formula for finding the area of a rectangle:

$$\text{Area} = \text{Length} \times \text{Width}$$



Here are the steps!

What is the length? _____

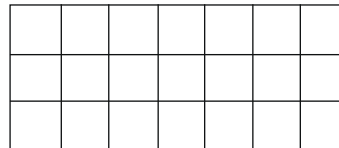
What is the width? _____

Multiply the length \times width.

Area = _____ square units

Try It!

Janine is a lifeguard at the community pool. Every night she must cover the pool with a tarp that has the same area as the pool.



What is the length? _____

What is the width? _____

Multiply the length \times width.

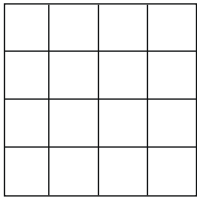
Area = _____ square units



Everyday Area

Solve the following problems. Use the following conversion: 1 square unit = 1 square foot.

1. Malik built a new sandbox in his backyard. What is the area of the sandbox?

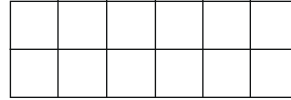


Area: _____

Challenge! If one bag of sand will fill an area of 8 square feet, how many bags will Malik need to fill his sandbox?



2. Leah wants to earn money by mowing lawns. She starts mowing her neighbor's lawn. What is the area of the lawn?

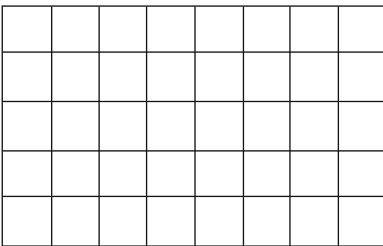


Area: _____

Challenge! If Leah charges \$2.00 per square foot, how much money would she earn mowing her neighbor's lawn?



3. Oren is painting a wall a bright shade of yellow. What is the area of the wall?

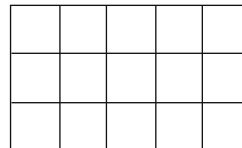


Area: _____

Challenge! If one gallon of paint will cover 10 square feet, how many gallons of paint will Oren need?



4. Taylor is moving into a new bedroom and she is not sure her bed will fit. What is the area of her new bedroom?

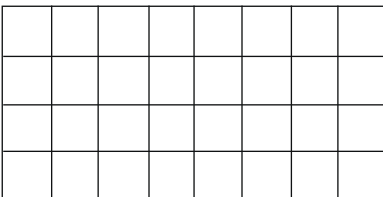


Area: _____

Challenge! If Taylor's bed takes up an area of 9 square feet, how many square feet will be left in Taylor's room?

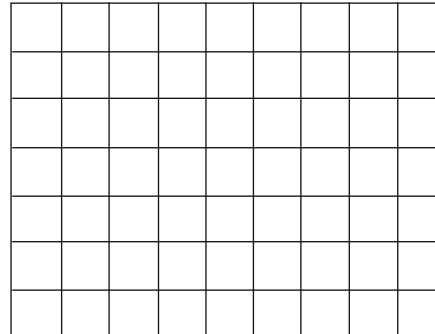


5. Pablo hit a baseball and broke a window. Now he has to replace the glass. What is the area of the new glass he will need to buy?



Area: _____

6. Hannah's soccer team is installing artificial turf on their new field, but they are not sure how much turf to buy. What is the area of the soccer field?



Area: _____