

MATH

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Measuring Area Using Unit Squares

ASSESSMENT



ABOUT THIS

EXIT TICKET

Topic: Mathematics

Grade: Third Grade

Standard: 3.MD.C.6

- ❖ Measurement and Data
- ❖ The goal of this Exit Ticket is to measure student understanding of the topic by completing a few quick activities. This Exit Ticket is helpful for deciding if students need more practice on the topic or if they're ready to move onto something new!

MATERIALS & PREPARATION

Before beginning this Exit Ticket:

- ❖ Students should have access to blank paper and a pencil to help solve problems, if needed.

LEARNING

Objectives

Assess student knowledge on the following topics:

- ❖ I know that area is measured using square units.
- ❖ I can measure area by counting unit squares.



Let's
Get Started!



DIRECTIONS

This Exit Ticket will help measure what you've learned in class. You will complete different activities to show your knowledge.

For each activity, there will only be one correct answer. If you get stuck, select the answer that you think is best. After the activities, you will share your feelings about this assessment.



Let's Review Key Information



Area is the amount of space inside a 2-dimensional shape. To measure area, count the unit squares.

The area of this rectangle is rectangle is 20 unit squares.

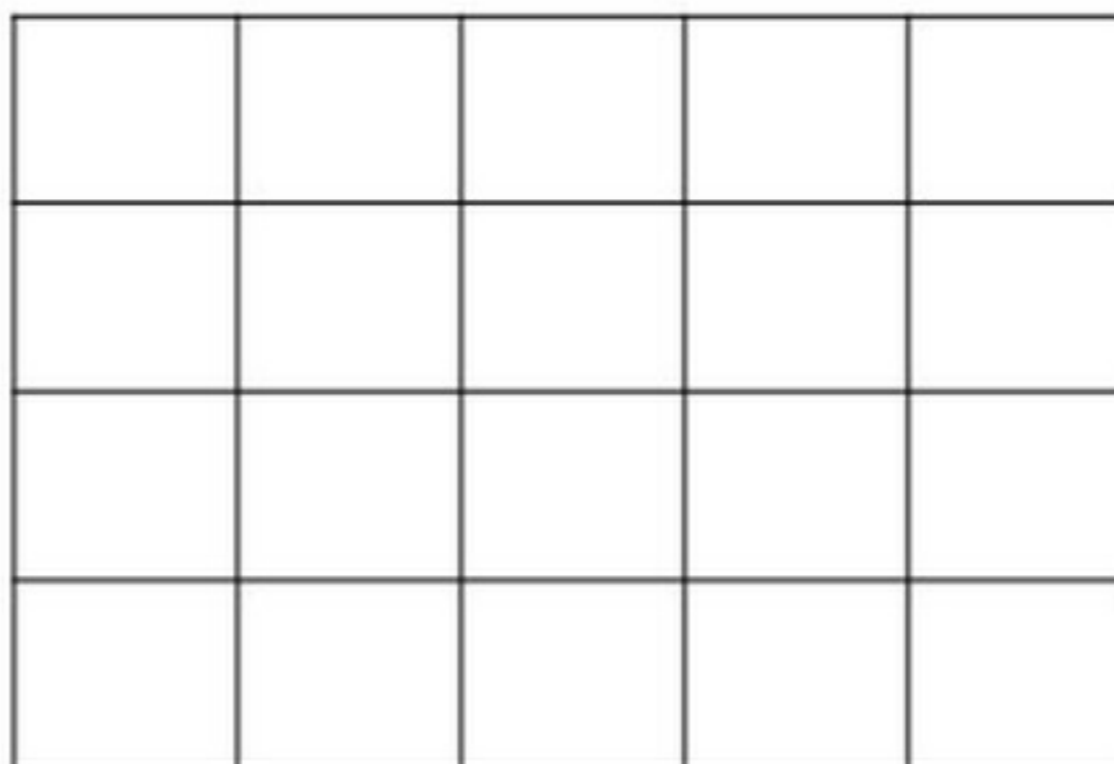
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20



You can also use multiplication to find the area of a rectangle.

Multiply the length x width to find the area.

Length = 5



Width = 4

$$5 \times 4 = 20 \text{ unit squares}$$



Area is measured using square units. Some examples of square units are:

- Square centimeters OR square cm.
- Square inches OR square in.
- Square feet OR square ft.



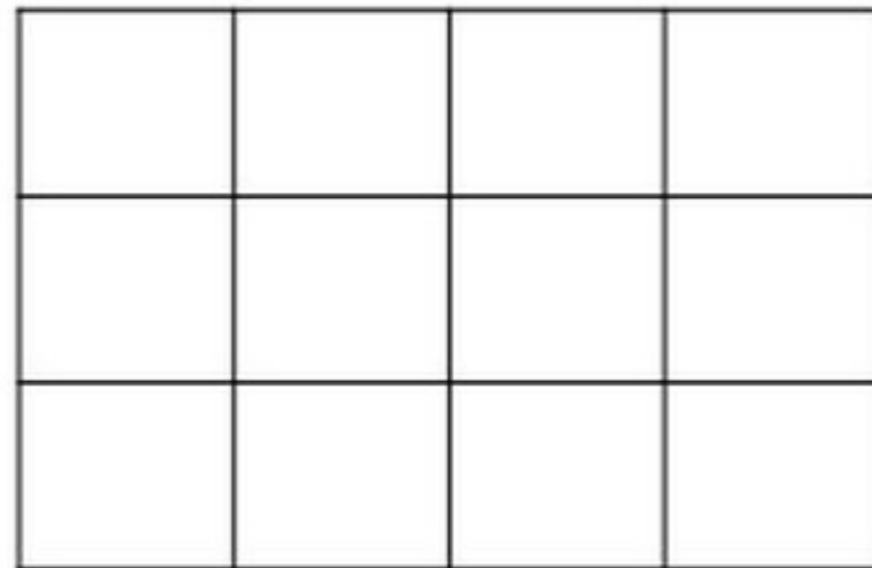
Let's Create!

Draw It



What is the area of the rectangle?

_____ unit squares

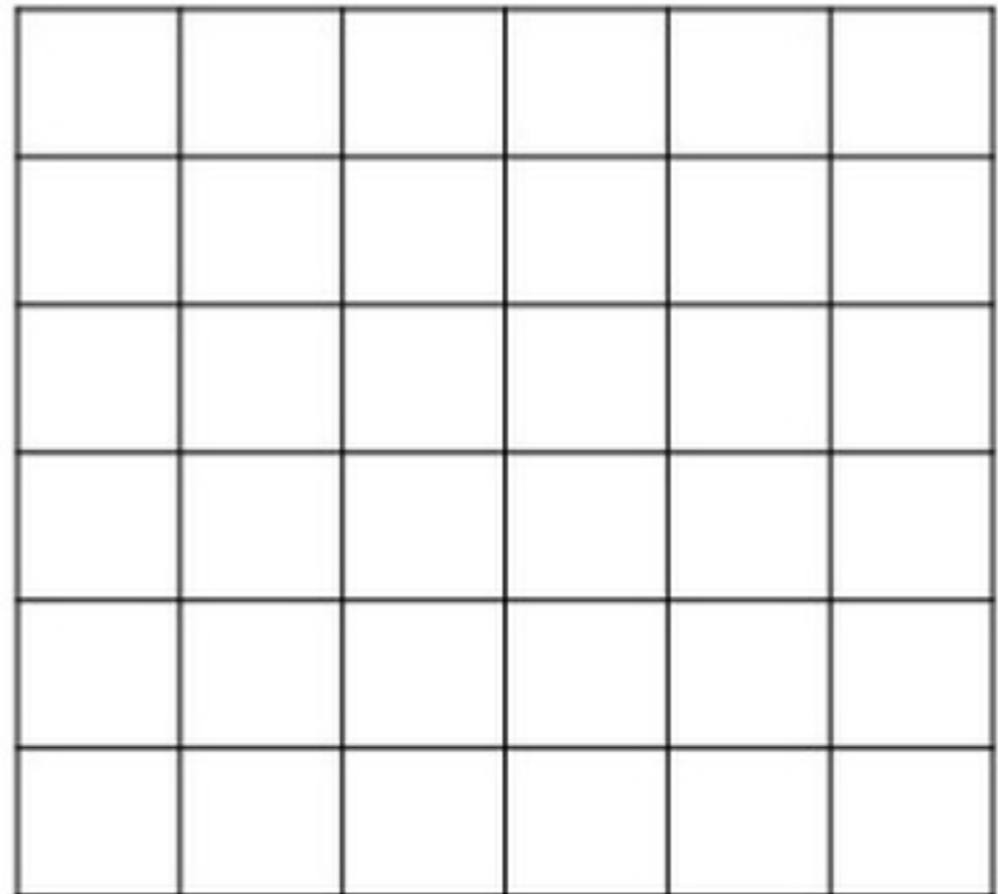


Draw It



What is the area of the square?

_____ unit squares

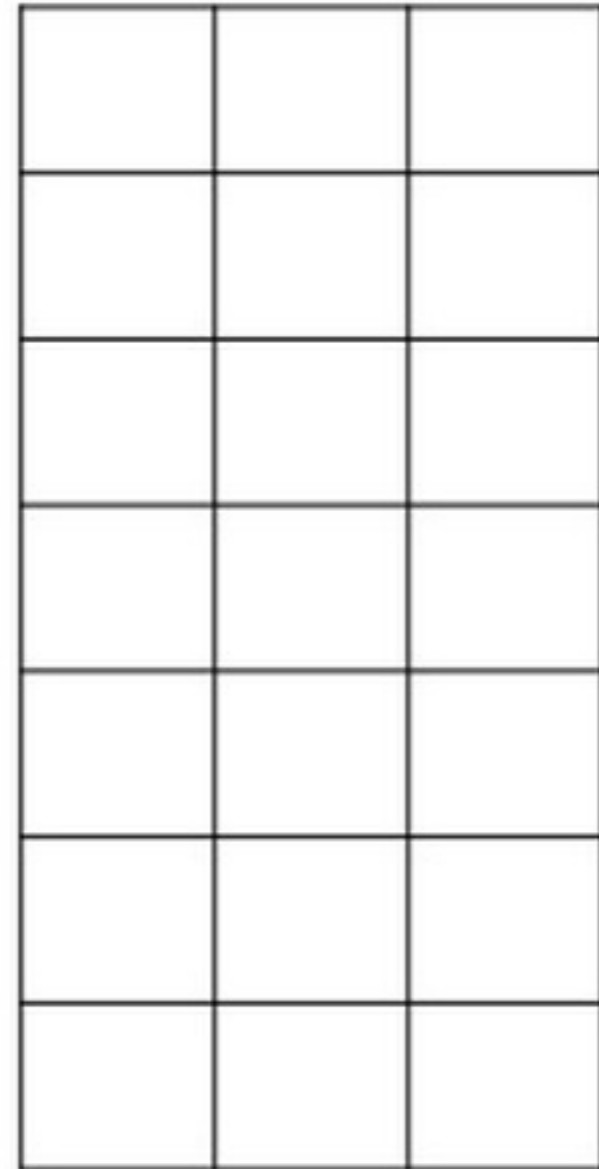


Draw It



What is the area of the rectangle?

_____ unit squares



Draw It

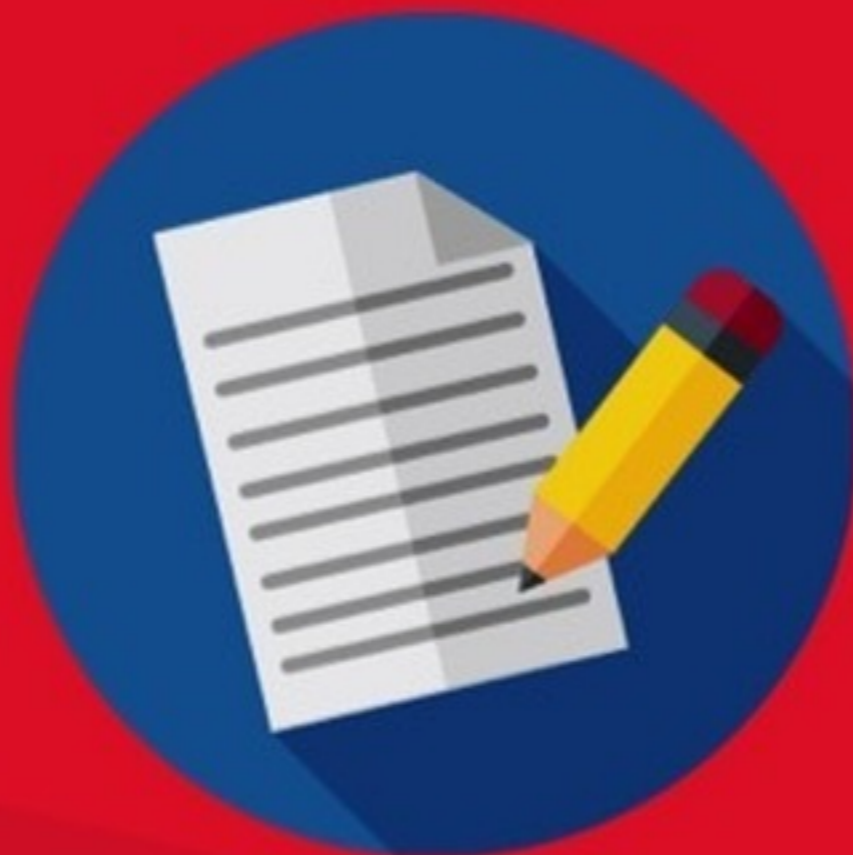


Using the drawing and text tools, draw a rectangle with an area of 10 unit squares.

Draw It



Using the drawing and text tools, draw a square with an area of 9 unit squares.



Let's Write!

Open Ended Question

What strategies do you use when measuring area? Share your thinking using 2-3 sentences.



Let's Take A Quiz!

Quiz

Measuring Area Using Unit Squares

What type of units are used when measuring area?

- square units
- cubed units
- only inches

Which is NOT a strategy for measuring area?

- counting the unit squares
- multiplying (length x width)
- adding (length + width)



Let's See How We Feel!

Poll

How did you feel you performed on this exit ticket?

- I feel really confident about how I performed on this exit ticket.
- I feel confident about most of my answers in this exit ticket.
- I feel confident about some of my answers in this exit ticket.
- I didn't feel very confident during this exit ticket and need more practice on the topic.



Let's Work In Pairs!



Talk with a partner about this Exit Ticket. Focus on the following questions:

- What mathematical strategies did you use to answer the questions?
- How did you feel about the Exit Ticket?
- How will you practice to improve this skill? Or, what do you want to learn more about now?

Thank You!

