

MY Homework

Lesson 4

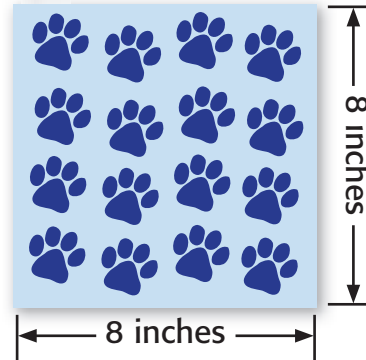
Measure Area

Homework Helper

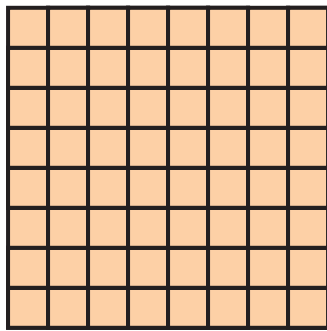


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Kristin is making a scrapbook about her pets. She covers one page of the scrapbook with decorative paw print paper. What is the area of this page?



One Way Count the units.



There are
64 square
units in all.

So, the area of the scrapbook page is 64 square inches.

Another Way Multiply.

To find the area of a square, multiply the length of one side by itself.

$$A = s \times s$$

$$A = 8 \text{ inches} \times 8 \text{ inches}$$

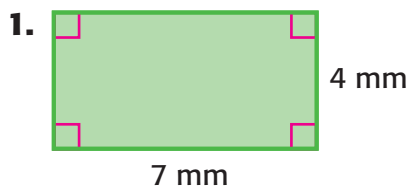
$$A = 64 \text{ square inches}$$

Helpful Hint

To find the area of a rectangle, multiply the length by the width.

Practice

Find the area of each figure.

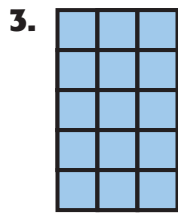


$$A = \underline{\hspace{2cm}} \text{ square millimeters}$$

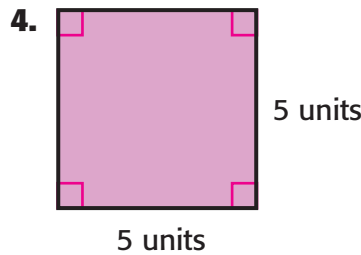


$$A = \underline{\hspace{2cm}} \text{ square units}$$

Find the area of each figure.




$A =$ _____ square units



$A =$ _____ square units



Problem Solving

5. **Mathematical PRACTICE**  **Justify Conclusions** One side of a square is 10 units. Which is greater, the number of square units for the area of the square or the number of units for the perimeter? Explain.

6. Eric created a rectangular patio using 1-foot square paving stones, which are sold in batches by the dozen. The patio measures 7 feet by 8 feet. How many batches of paving stones did Eric need?
(*Hint:* 1 dozen = 12)

Test Practice

7. What is the perimeter of the rectangle?

- (A) 22 inches
- (B) 24 inches
- (C) 26 inches
- (D) 28 inches

