Name _____

Homework 13-5
Standard Units

Another Look!

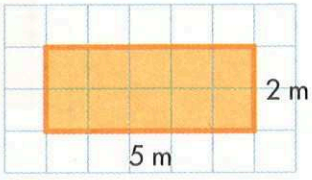
Count how many square units this figure covers.

= 1 square mi

- The figure covers 10 square units.
- Each unit equals 1 square mile.

The area of the figure is 10 square miles.

Count how many square units this figure covers.



= 1 square m

- The figure covers 10 square units.
- Each unit equals 1 square meter.

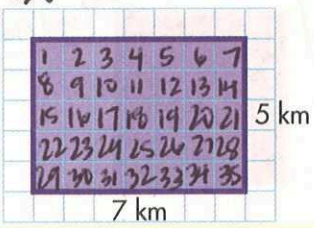
The area of the figure is 10 square meters.

You can use standard units of length to help measure area.

For **1** through **6**, count the square units. Then write the area.

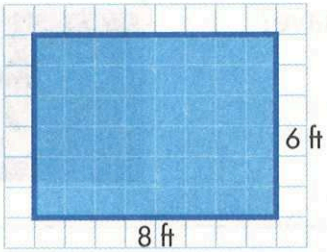
Ex.

1.

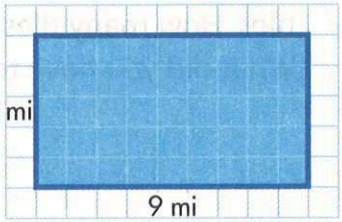


A = 35 km

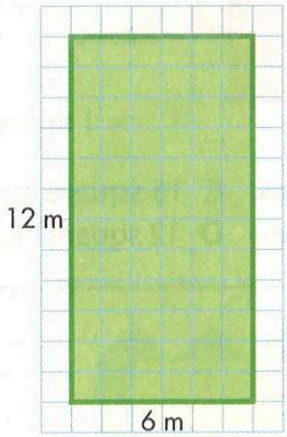
2.



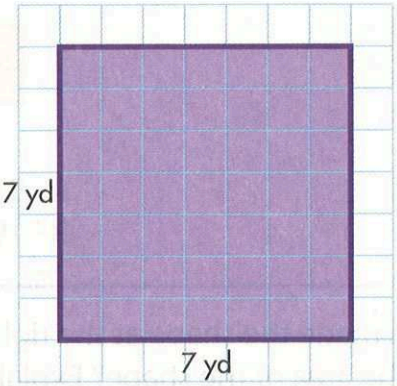
3.



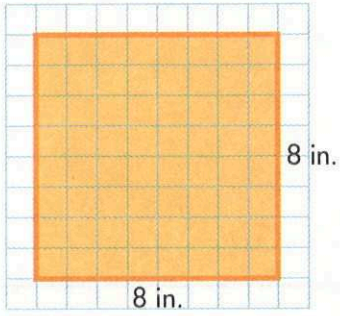
4.



5.



6.

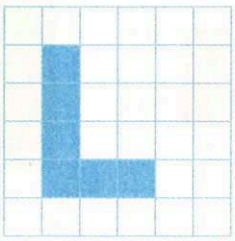


Name _____

Guided Practice*

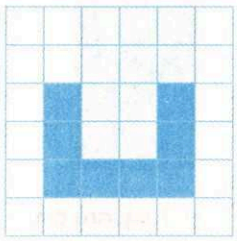
In **1** and **2**, write the area of the figure shown.

1.



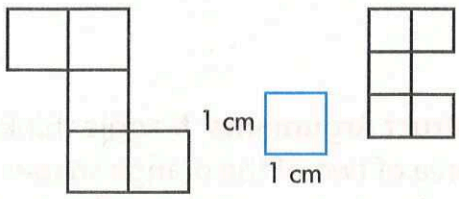
☐ = 1 square cm

2.



☐ = 1 square cm

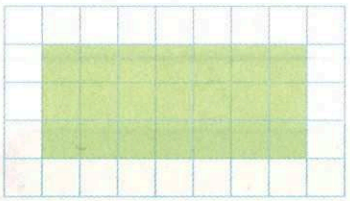
3. Represent Which of these shapes has an area of 5 square centimeters? How do you know?



Independent Practice

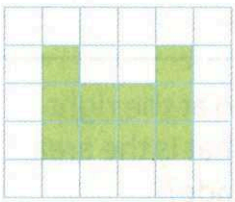
Leveled Practice In **4** and **5**, write the area of the figure shown.

4.



☐ = 1 square cm

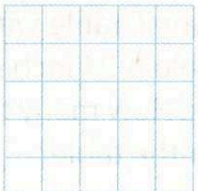
5.



☐ = 1 square cm

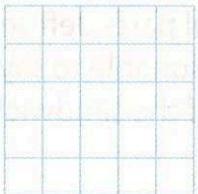
In **6** and **7**, shade a figure that shows the area.

6. 16 square centimeters



☐ = 1 square cm

7. 9 square centimeters



☐ = 1 square cm

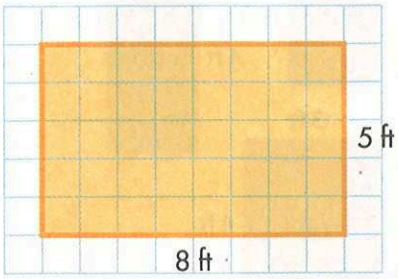
*For another example, see Set C on page 764.

Name _____

Homework 13-6
Area of Squares and Rectangles

Another Look!

What is the area of this rectangle?



You can count squares or multiply to find the area.

A. You can count the number of square units.

There are 40 square units.
Each square unit is 1 square foot.

The area of the rectangle is 40 square feet.

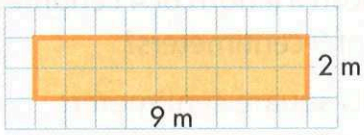
B. You can count the number of rows and multiply by the number of squares in each row. There are 5 rows and 8 squares in each row.

$5 \times 8 = 40$

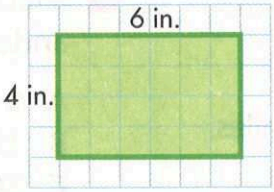
The area of the rectangle is 40 square feet.

In **1** through **3**, find the area.

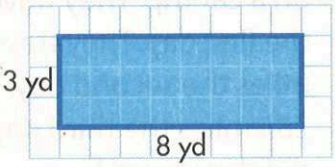
1.



2.

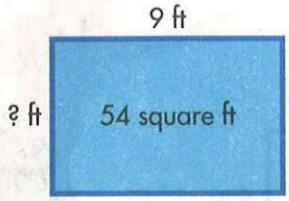


3.

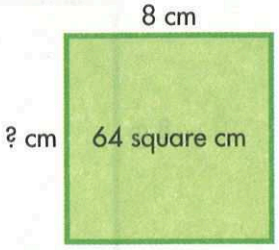


In **4** through **6**, find the missing length of one side. Use grid paper to help.

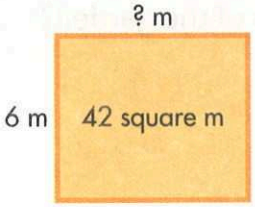
4.



5.



6.



Name _____

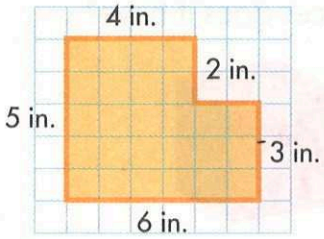
Homework 13-8
Area of Irregular Shapes

Another Look!

How can you find the area of the irregular shape below?

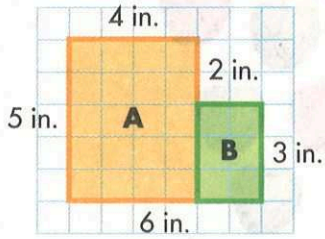
You can count square units or divide the shape into rectangles.

You can count square units.



The area of the irregular shape is 26 square inches.

You can divide the shape into rectangles. Find the area of each rectangle. Then add the areas.



$A = 5 \times 4 = 20$

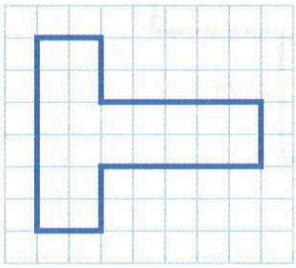
$B = 2 \times 3 = 6$

$20 + 6 = 26$

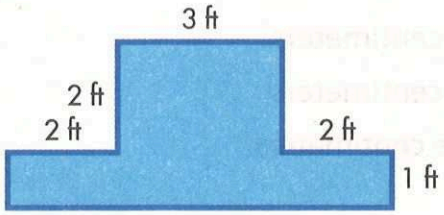
The area of the irregular shape is 26 square inches.

In **1** through **4**, find the area of each irregular shape. Use grid paper to help.

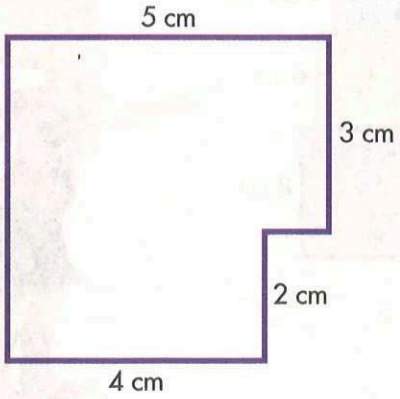
1.



2.



3.



4.