

# CONCEPTS OF AREA

3rd Grade

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### CONCEPTS OF AREA

*create a shape*

Directions: Roll a dice. On the chart, find the area that corresponds to the number rolled. Find a shape on the table that has that area and shade it. Create one of the shapes below by shading in the table. Work with a partner to see who can create a shape first.

Roll	Area	Roll	Area
1	9 square units	4	18 square units
2	15 square units	5	12 square units
3	24 square units		

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### CONCEPTS OF AREA

*area on a grid*

Directions: Look at the shapes on the grid below. Determine the area of each shape.

A B C D E F G H

Area: 8 square units  
Area: 23 square units  
Area: 7 square units  
Area: 12 square units

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### CONCEPTS OF AREA

*counting square units*

Directions: Determine the area of each shape below.

1. Area: 12 square units

3. Area: 7 square units

5. Area: 10 square units

6. Area: 10 square units

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

### CONCEPTS OF AREA

*area on a grid*

Directions: Look at the shapes on the grid below. Determine the area of each shape.

A B C D E F G H

Area: \_\_\_\_\_  
Area: \_\_\_\_\_



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# What is AREA?

AREA is the measurement of space.

Area can be measured in SQUARE UNITS

Area = 9 square units

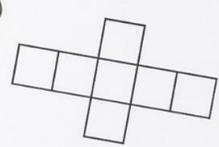
When

## CONCEPTS OF AREA

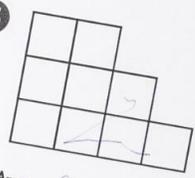
Directions: Determine the area of each shape.



Area: 12 square units



Area: 7 square units

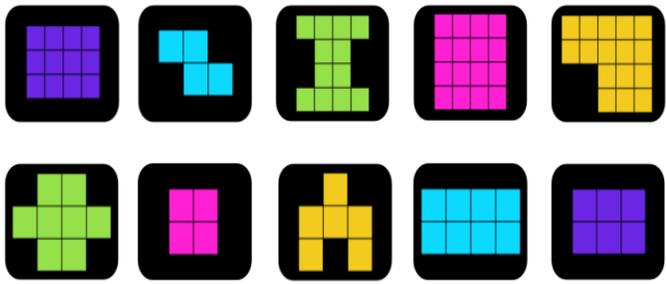


Area: 9 square units

## CONCEPTS OF AREA

area matching

Directions: Create pairs by dragging and matching two shapes with the same area.



## CONCEPTS OF AREA

create a shape

Roll a dice. On the chart, find the area that corresponds to the shape on the table that has that area and shade the space. The shapes below by shading in the table. Work independently. See who can create a shape first.

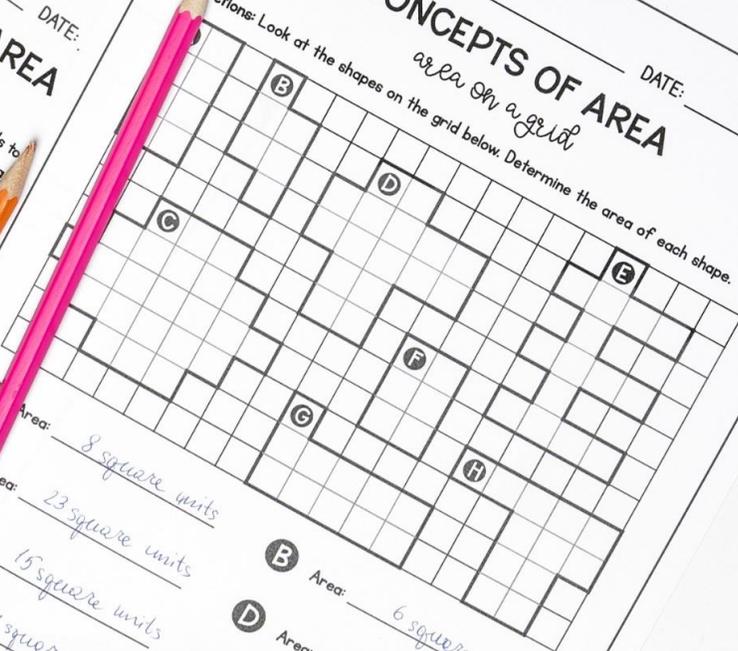
Area	Shape	Area
9 square units		Area
4 square units		18 square units
5 square units		12 square units
6 square units		20 square units



## CONCEPTS OF AREA

area on a grid

Directions: Look at the shapes on the grid below. Determine the area of each shape.



A Area: 8 square units  
 B Area: 6 square units  
 C Area: 23 square units  
 D Area: 16 square units  
 E Area: 15 square units  
 F Area: 11 square units  
 G Area: 11 square units  
 H Area: 16 square units

NAME:

DATE:

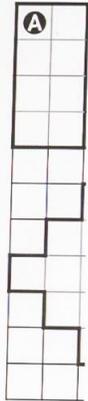
DATE:

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## CONCEPTS OF AREA

*area on a grid*

Directions: Look at the shapes on the grid below. Determine the area of each shape.



- A Area
- C Area
- E Area
- G Area

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

## CONCEPTS OF AREA

Directions: Roll a dice. On the chart, find the area that corresponds to rolled. Find a shape on the table that has that area and shade the space create one of the shapes below by shading in the table. Work independent with a partner to see who can create a shape first.

1

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

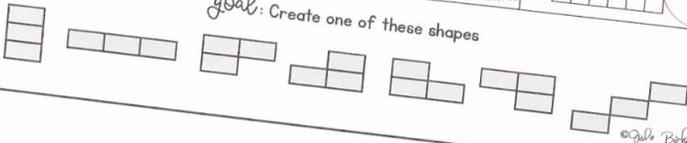
## CONCEPTS OF AREA

*create a shape*

Directions: Roll a dice. On the chart, find the area that corresponds to rolled. Find a shape on the table that has that area and shade the space create one of the shapes below by shading in the table. Work independent with a partner to see who can create a shape first.

Dice	Area	Dice	Area
1	9 square units	4	18 square units
2	15 square units	5	12 square units
3	24 square units	6	20 square units

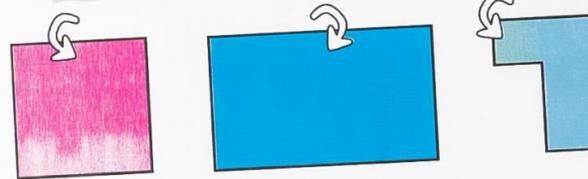
goal: Create one of these shapes



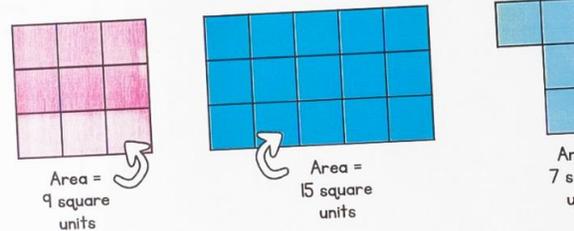
*what is*

## AREA?

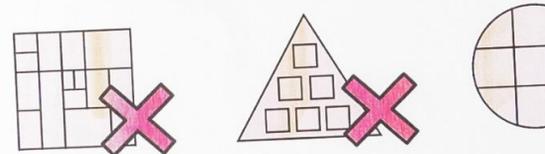
AREA is the measurement of space inside a shape



Area can be measured by counting how many **SQUARE UNITS** fit inside a shape



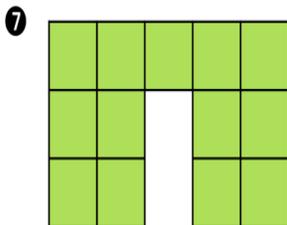
When counting square units, they cannot overlap, be irregular, have gaps, or be cut off



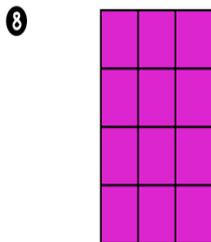
# CONCEPTS OF AREA

counting square units

Directions: Determine the area of each shape below by counting the number of square units.



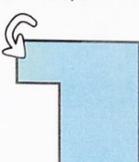
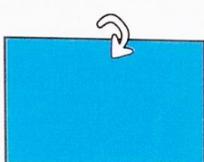
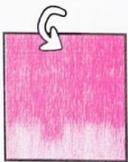
Area:



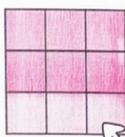
Area:

# what is AREA?

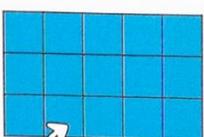
AREA is the measurement of space inside a shape



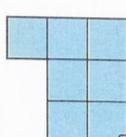
Area can be measured by counting how many **SQUARE UNITS** fit inside a shape



Area = 9 square units



Area = 15 square units



Area = 7 square units

When counting square units, they cannot overlap, be irregular, have gaps, or be cut off



NAME: \_\_\_\_\_

# CONCEPTS OF AREA

Directions: Look at



Area:

NAME: \_\_\_\_\_

# CONCEPTS OF AREA

create a shape

Directions: Roll a dice. On the chart, find the area that rolled. Find a shape on the table that has that area and create one of the shapes below by shading in the table with a partner to see who can create a shape first.

Area	Area
1	9 square units
2	15 square units
3	24 square units
4	18 square units
5	12 square units
6	20 square units

Handwritten notes and diagrams on a grid. Includes shapes with handwritten area values: 9 square units, 12 square units, 15 square units, 20 square units, 24 square units, 26 square units, 18 square units, 15 square units, 9 square units, 18 square units.

goal: Create one of these shapes

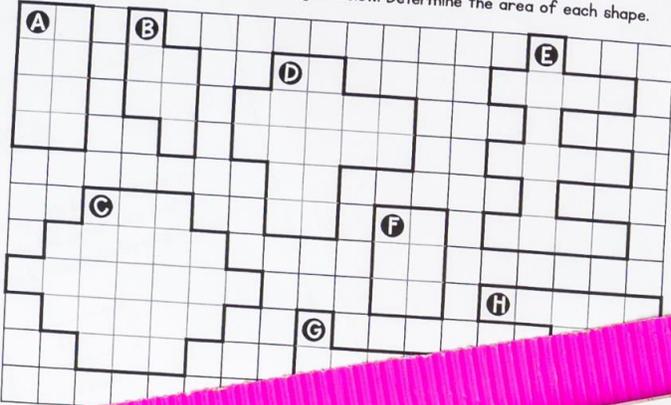
Handwritten diagrams of various shapes on a grid, some with shaded areas, corresponding to the goal.

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

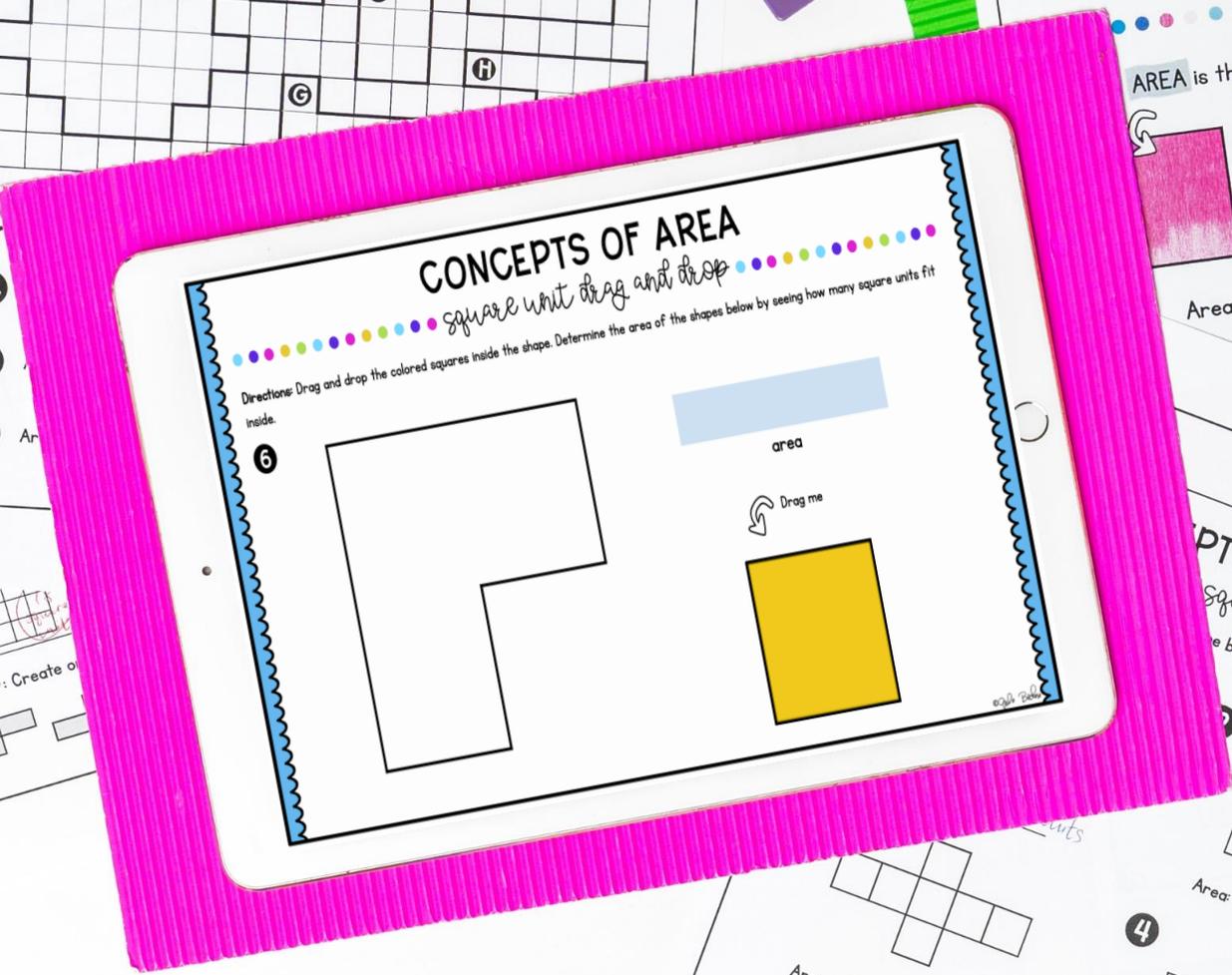
# CONCEPTS OF AREA

*area on a grid*

Directions: Look at the shapes on the grid below. Determine the area of each shape.



PTS OF  
ate a sh  
find the area  
at has that a  
y shading in  
create a shap  
Area  
9 square un  
15 square  
24 squ  
goal: Create o



what is  
**AREA**

AREA is the measurement of



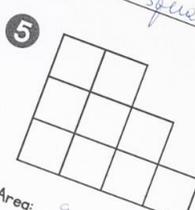
Area can be measured  
**SQUARE UNITS**

PTS OF AREA  
square units

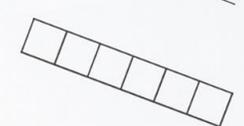
below by counting the num



Area: 7 square units

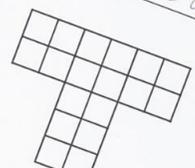


Area: 8 square units



Area: 14 square units

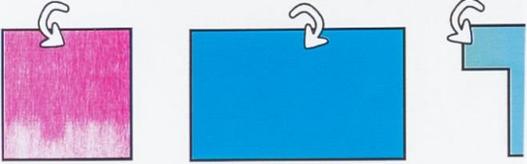
Area: 6 square units



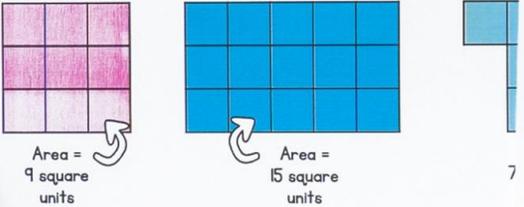
Area: 13 square units

# what is AREA?

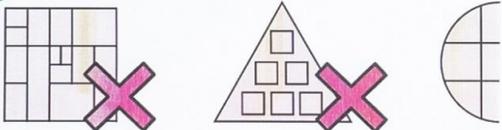
AREA is the measurement of space inside a shape



Area can be measured by counting how many **SQUARE UNITS** fit inside a shape



When counting square units, they cannot overlap, be irregular, have gaps, or be cut off

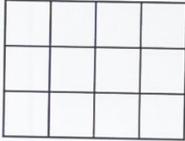


NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

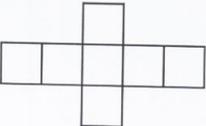
## CONCEPTS OF AREA

counting square units

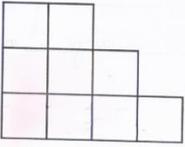
Directions: Determine the area of each shape below by counting the number of square units.

1   
Area: 12 square units

2   
Area: \_\_\_\_\_

3   
Area: 7 square units

4   
Area: \_\_\_\_\_

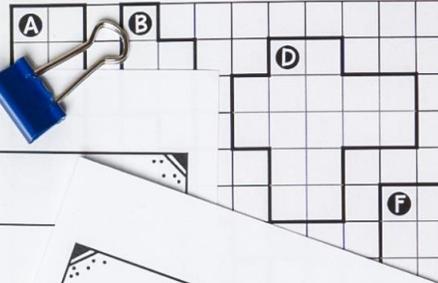
5   
Area: 9 square units

NAME: \_\_\_\_\_

## CONCEPTS OF AREA

area on a grid

Directions: Look at the shapes on the grid below. Determine their area.



NAME: \_\_\_\_\_

## CONCEPTS OF AREA

create a shape

Directions: Roll a dice. On the chart, find the area that matches the number rolled. Find a shape on the table that has that area and shade it. Then create one of the shapes below by shading in the table. Work with a partner to see who can create a shape first.

Area	Area
1	4
2	9 square units
3	15 square units
4	18 square units
5	12 square units
6	20 square units

goal: Create one of these shapes

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

# CONCEPTS OF AREA

*create a shape*

Directions: Roll a dice. On the chart, find the area that corresponds to the number you rolled. Find a shape on the table that has that area and shade the space. Your goal is to create one of the shapes below by shading in the table. Work independently or take turns with a partner to see who can create a shape first.

Area	Area	Area	Area
1	9 square units	4	18 square units
2	15 square units	5	12 square units
3	24 square units	6	20 square units

# CONCEPTS OF AREA

*area on a grid*

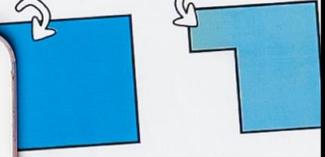
Directions: Look at the shapes on the grid below



- A Area: 8 square units
- B Area: 6 square units
- C Area: 23 square units
- D Area: 16 square units
- E Area: 15 square units
- F Area: 6 square units
- G Area: 11 square units
- H Area: 12 square units

# what is AREA?

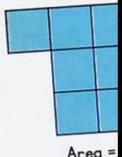
AREA is the measurement of space inside a shape



d by counting how many fit inside a shape

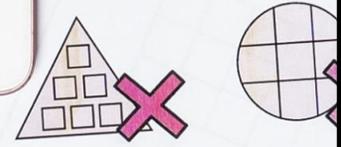


Area = 15 square units



Area = 7 square units

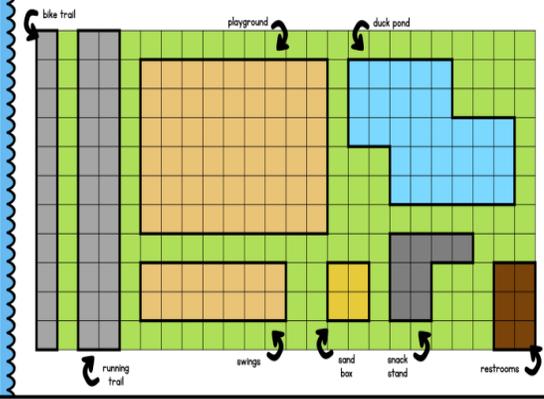
e units, they cannot overlap, ve gaps, or be cut off



# CONCEPTS OF AREA

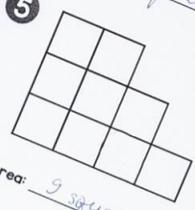
*area of a park*

Directions: Below is a diagram that shows Elmhurst Park. Determine the area of the different parts of the park by counting the number of square units.



- 1 What is the area of the playground? \_\_\_\_\_
- 2 What is the area of the restrooms? \_\_\_\_\_
- 3 What is the area of the bike trail? \_\_\_\_\_
- 4 What is the area of the duck pond? \_\_\_\_\_

5



Area: 9 square units

6

Area: 18 square units

# CONCEPTS OF AREA

3<sup>rd</sup> grade

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7. Games and Activities (2 pages)
8. Test Review (3 pages)
9. Test (3 pages)



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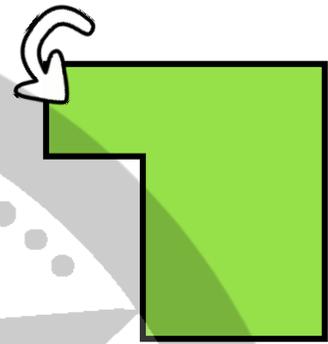
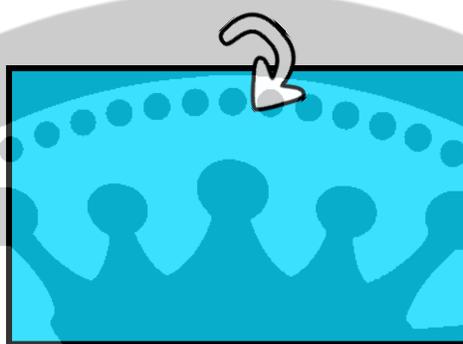
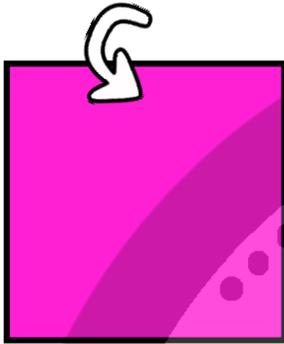
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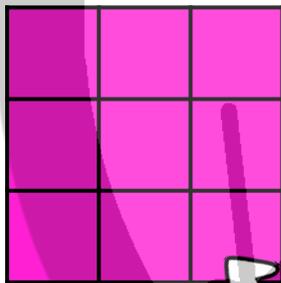
what is

# AREA?

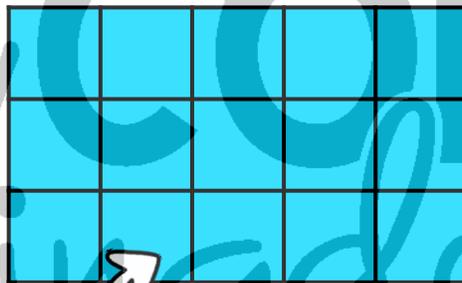
**AREA** is the measurement of space inside a shape



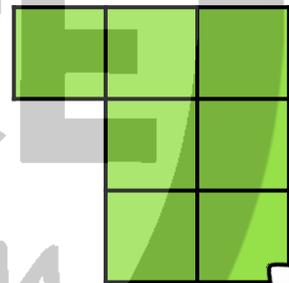
Area can be measured by counting how many **SQUARE UNITS** fit inside a shape



Area =  
9 square  
units

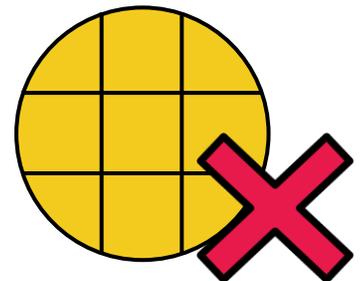
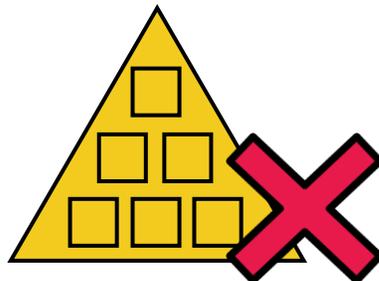
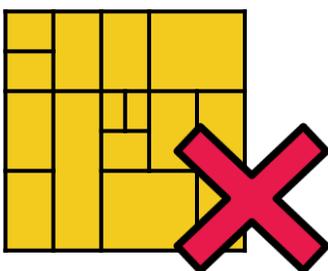


Area =  
15 square  
units



Area =  
7 square  
units

When counting square units, they cannot overlap,  
be irregular, have gaps, or be cut off

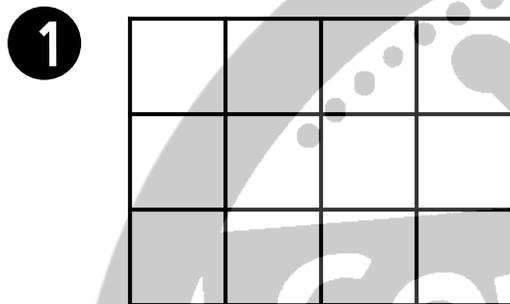


NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

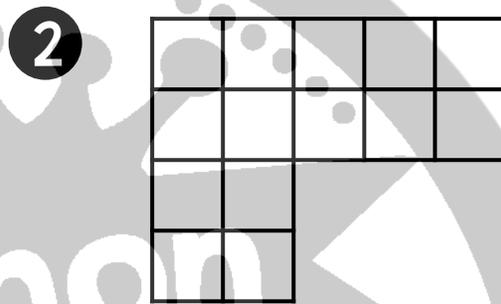
# CONCEPTS OF AREA

*counting square units*

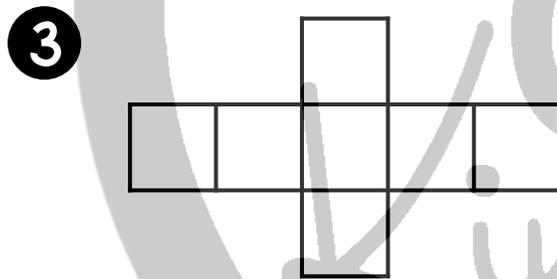
**Directions:** Determine the area of each shape below by counting the number of square units.



Area: \_\_\_\_\_



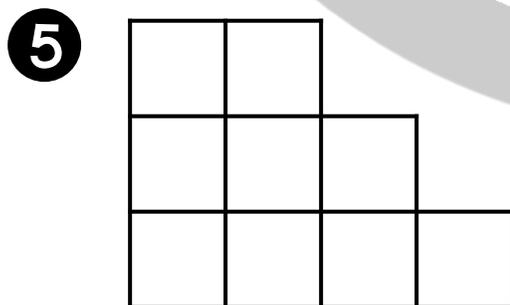
Area: \_\_\_\_\_



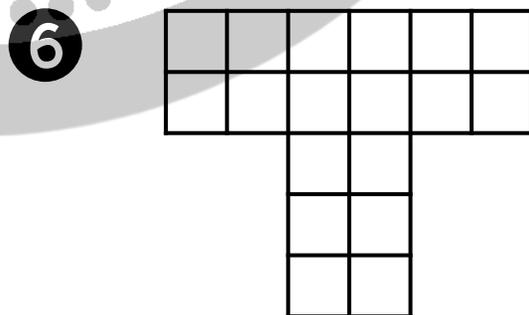
Area: \_\_\_\_\_



Area: \_\_\_\_\_



Area: \_\_\_\_\_



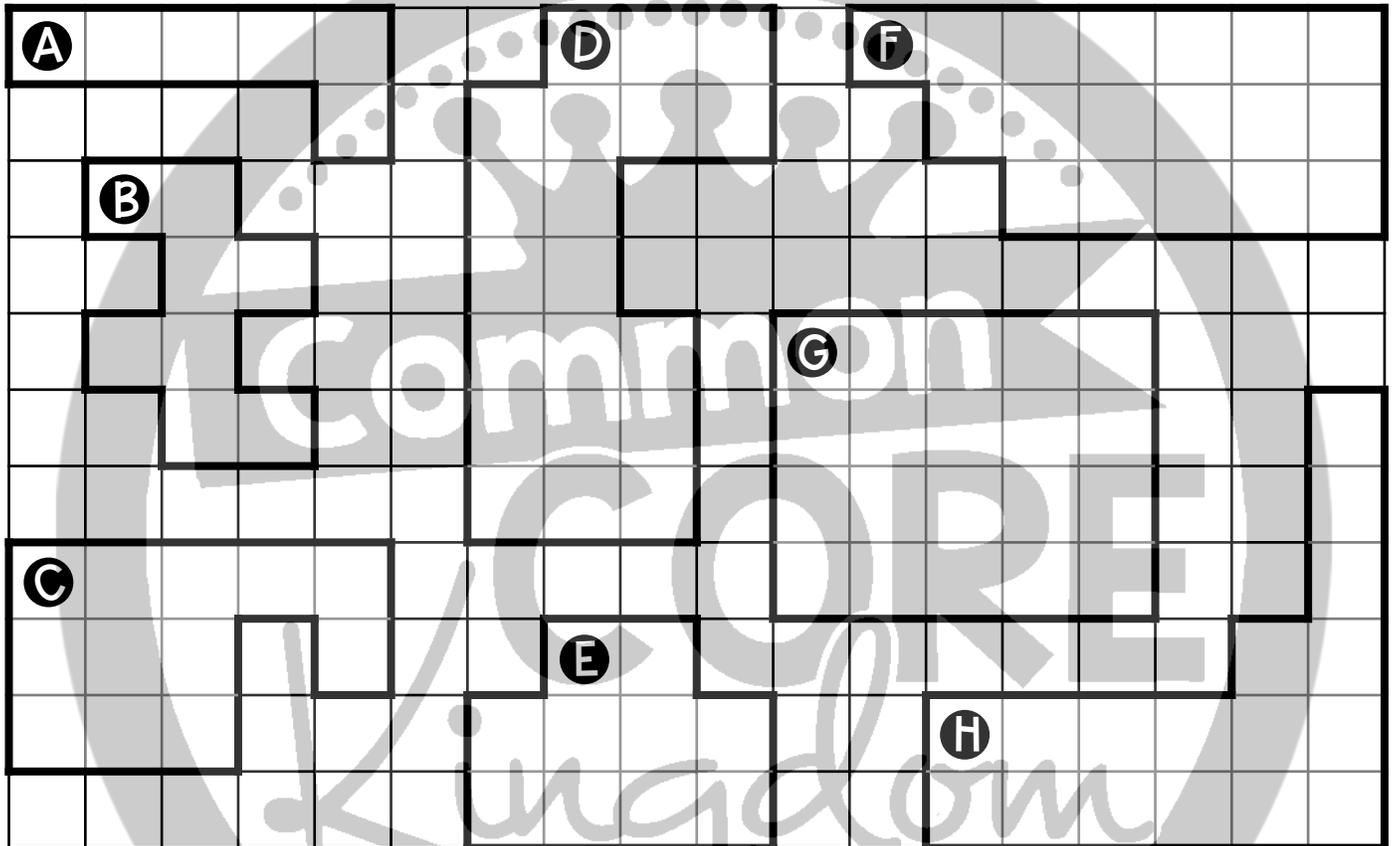
Area: \_\_\_\_\_

NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

# CONCEPTS OF AREA

*area on a grid*

Directions: Look at the shapes on the grid below. Determine the area of each shape.



**A** Area: \_\_\_\_\_

**B** Area: \_\_\_\_\_

**C** Area: \_\_\_\_\_

**D** Area: \_\_\_\_\_

**E** Area: \_\_\_\_\_

**F** Area: \_\_\_\_\_

**G** Area: \_\_\_\_\_

**H** Area: \_\_\_\_\_

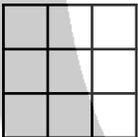
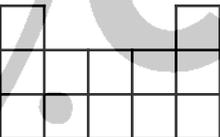
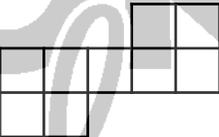
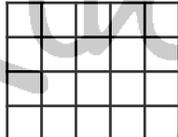
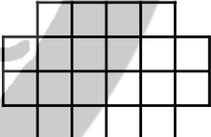
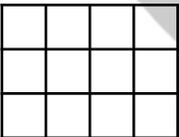
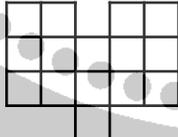
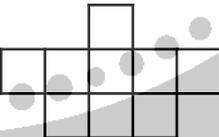
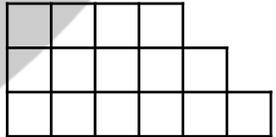
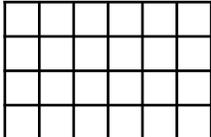
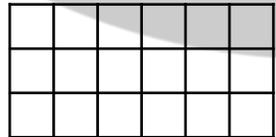
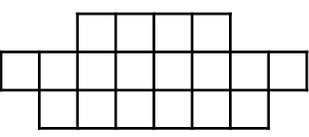
NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

# CONCEPTS OF AREA

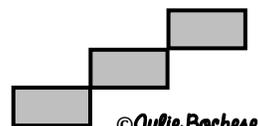
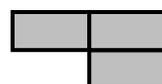
*create a shape*

Directions: Roll a dice. On the chart, find the area that corresponds to the number you rolled. Find a shape on the table that has that area and shade the space. Your goal is to create one of the shapes below by shading in the table. Work independently or take turns with a partner to see who can create a shape first.

	Area		Area
1	9 square units	4	18 square units
2	15 square units	5	12 square units
3	24 square units	6	20 square units

*goal:* Create one of these shapes



NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

# CONCEPTS OF AREA

## area matching

Directions: Cut out the cards below. Create pairs of cards by matching two shapes with the same area.




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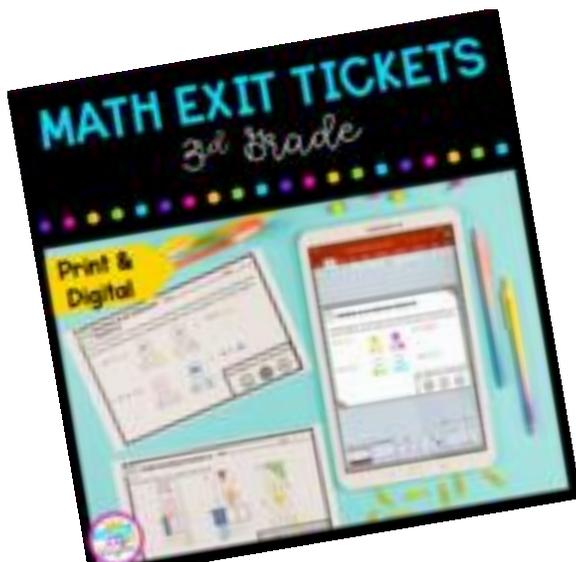


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