Area
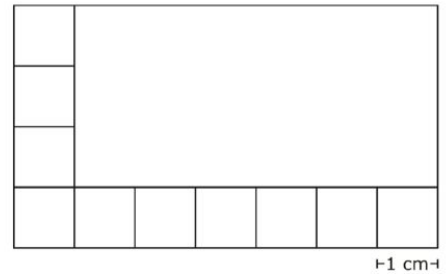
The measure of a number of unit squares needed to cover a surface.
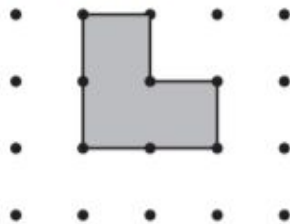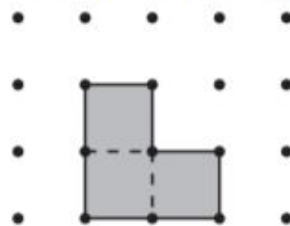
4x7=28 sq. cm

⊢1 cm⊣

Understand Area

A unit square is a square with a side length of 1 unit. Area is the measure of the number of unit squares needed to cover a surface. A square unit is used to measure area.
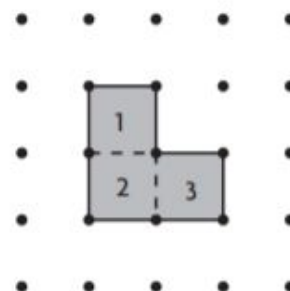
What is the area of the figure?

Step 1 Draw lines to show each unit square in the figure.

Step 2 Count the number of unit squares to find the area.

1

2 3

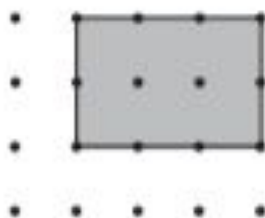The area of the figure is **3** square units.

Name _____

Understand Area

Count to find the area for the shape.

1.

Area = __6__ square units

2.
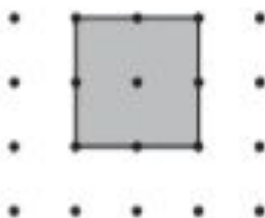
Area = _____ square units

3.
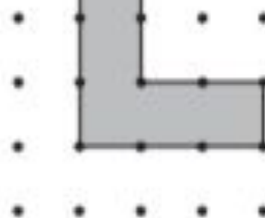
Area = _____ square units

4.
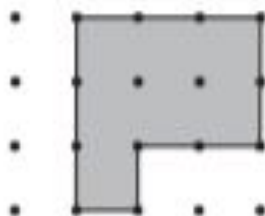
Area = _____ square units

5.
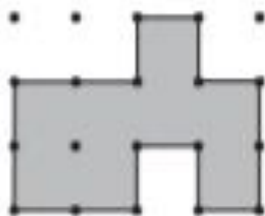
Area = _____ square units

6.

Area = _____ square units

Write *area* or *perimeter* for each situation.

7. carpeting a floor

8. fencing a garden

_____

_____

Problem Solving REAL WORLD

Use the diagram for 9–10.

9. Roberto is building a platform for his model railroad. What is the area of the platform?

_____

10. Roberto will put a border around the edges of the platform. How much border will he need?

_____

★TEST
PREP

Lesson Check (CC.3.MD.5, CC.3.MD.5a)

1. Josh used rubber bands to make the shape below on his geoboard. What is the area of the shape?

Ⓐ 3 square units
Ⓑ 4 square units
Ⓒ 5 square units
Ⓓ 6 square units

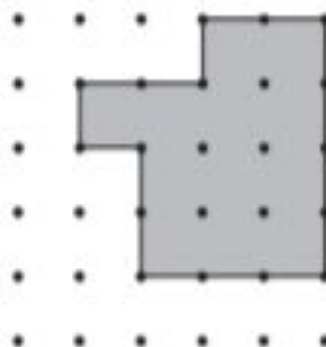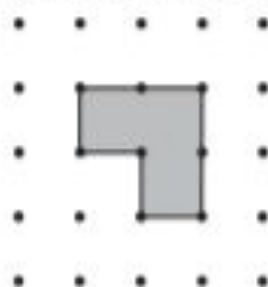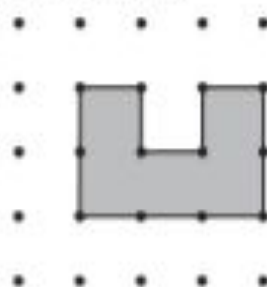2. Wilma drew the shape below on dot paper. What is the area of the shape she drew?

Ⓐ 4 square units
Ⓑ 5 square units
Ⓒ 6 square units
Ⓓ 7 square units

Spiral Review (CC.3.OA.7, CC.3.NF.1, CC.3.MD.1, CC.3.MD.2)

3. Leonardo knows it is 42 days until summer break. How many weeks is it until Leonardo's summer break? (Hint: There are 7 days in a week.)

(Lesson 7.7)

Ⓐ 5 weeks   Ⓒ 7 weeks
Ⓑ 6 weeks   Ⓓ 8 weeks

4. Nan cut a submarine sandwich into 4 equal parts and ate one part. What fraction represents the part of the sandwich Nan ate? (Lesson 8.3)

Ⓐ $\frac{1}{4}$ Ⓒ $\frac{4}{4}$

Ⓑ $\frac{1}{3}$ Ⓓ $\frac{4}{1}$

5. Wanda is eating breakfast. Which is a reasonable time for Wanda to be eating breakfast? (Lesson 10.2)

Ⓐ 7:45 A.M.
Ⓑ 7:45 P.M.
Ⓒ 2:15 A.M.
Ⓓ 2:15 P.M.

6. Dick has 2 bags of dog food. Each bag contains 5 kilograms of food. How many kilograms of food does Dick have in all? (Lesson 10.8)

Ⓐ 3 kilograms   Ⓒ 7 kilograms
Ⓑ 5 kilograms   Ⓓ 10 kilograms

CHARACTER TRAITS

CHARACTER TRAITS

are adjectives

that describe a

character's

true inner nature.

Character Traits

Outside

Traits we can see:

- glasses
- Curly Hair
- Young
- Smiling

Inside

Traits we can't see:

- Optimistic
- Artistic
- Helpful
- Friendly

Remember:

Inside character traits are not always stated in the story. You may need to use the character's **feelings**, **actions**, **sayings**, or **thoughts** in order to infer their character traits.

4. ICE CREAM

Kyle ordered his favorite ice cream sundae. He was feeling very hungry, so he asked to add an extra scoop of ice cream to the sundae. His mouth watered as he watched the clerk add the fudge.

"That will be $2.25," said the clerk.

"That doesn't sound quite right. I think I should owe more. Did you remember to charge me for the extra scoop of ice cream?" asked Kyle.

"Oh no! I did forget! I can't believe that you said something! Most people would not. You're a good kid!"
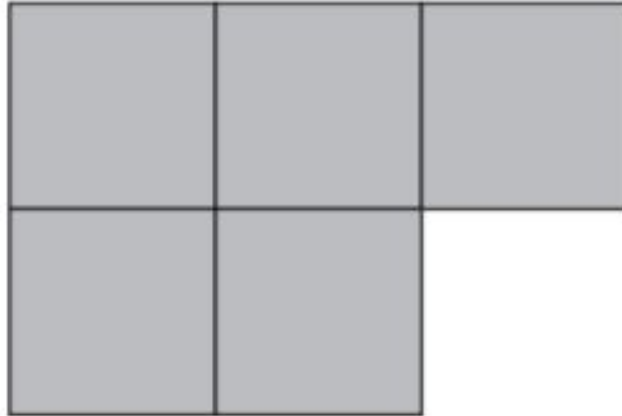
Not So Wimpy Teacher: Character Traits Center

What character trait best describes Kyle?

Cite evidence from the text that supports the character trait that you chose.

Measure Area

Find the area of the figure. Each unit square is 1 square inch.

Think: How many unit squares are needed to cover this flat surface?

Step 1 Use 1-inch square tiles. Cover the surface of the figure with the tiles. Make sure there are no gaps (space between the tiles). Do not overlap the tiles.

Step 2 Count the tiles you used. 5 tiles are needed to cover the figure.

So, the area of the figure is 5 square inches.

Count to find the area of the figure.
Each square is 1 square inch.

1.

Area = _____ square inches

2.

Area = _____ square inches
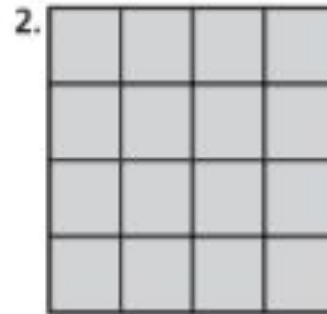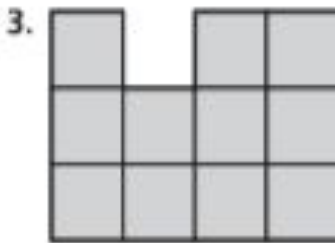
Name _____

Measure Area

Count to find the area of the shape.
Each unit square is 1 square centimeter.

1.

Area = __14__ square centimeters

2.

Area = _____ square centimeters

3.

Area = _____ square centimeters

4.
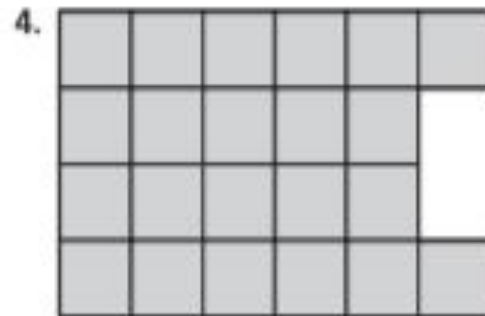
Area = _____ square centimeters
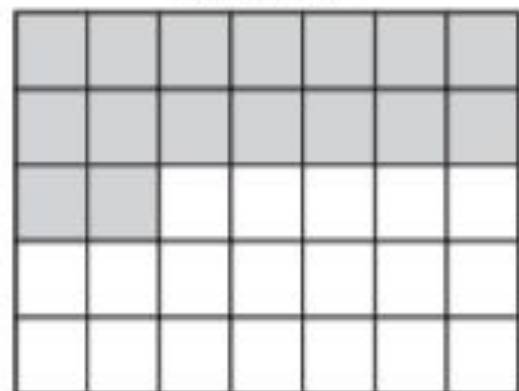
Problem Solving REAL WORLD

Alan is painting his deck gray. Use the diagram at the right for 5–6. Each unit square is 1 square meter.

Alan's Deck

5. What is the area of the deck that Alan has already painted gray?

_____

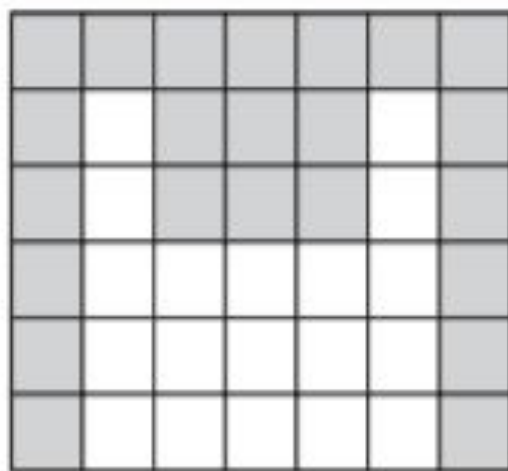**6.** What is the area of the deck that Alan has left to paint?

_____

Lesson Check (CC.3.MD.5b, CC.3.MD.6)

Each unit square in the diagram is
1 square foot.

1. How many square feet are shaded?

   Ⓐ 19 square feet

   Ⓑ 21 square feet

   Ⓒ 23 square feet

   Ⓓ 25 square feet

2. What is the area that has NOT been
   shaded?

   Ⓐ 19 square feet

   Ⓑ 21 square feet

   Ⓒ 23 square feet

   Ⓓ 25 square feet

Spiral Review (CC.3.OA.3, CC.3.NF.1, CC.3.NF.3b, CC.3.MD.2)

3. Sonya buys 6 packages of rolls.
   There are 6 rolls in each package.
   How many rolls does Sonya buy?
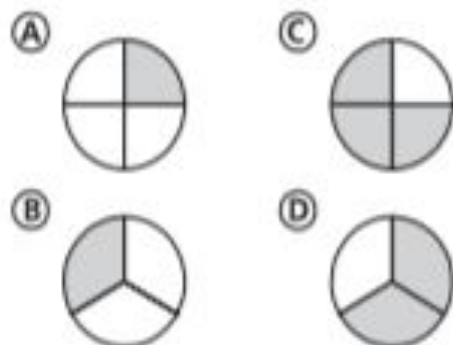   (Lesson 4.3)

   Ⓐ 42   Ⓒ 24

   Ⓑ 36   Ⓓ 12

4. Charlie mixed 6 liters of juice with
   2 liters of soda to make fruit punch.
   How many liters of fruit punch did
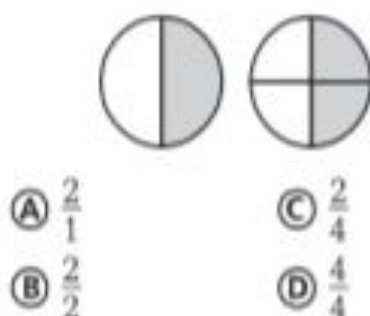   Charlie make? (Lesson 10.9)

   Ⓐ 3 liters   Ⓒ 8 liters

   Ⓑ 4 liters   Ⓓ 12 liters

5. Which drawing shows $\frac{2}{3}$ of the
   circle shaded? (Lesson 8.4)

   Ⓐ   Ⓒ

   Ⓑ   Ⓓ

6. Use the models to name a fraction
   that is equivalent to $\frac{1}{2}$. (Lesson 9.7)

   Ⓐ $\frac{2}{1}$ Ⓒ $\frac{2}{4}$

   Ⓑ $\frac{2}{2}$ Ⓓ $\frac{4}{4}$

READ TO SELF

Choose a "just right" book to read. Read for 20-30 minutes. After reading, fill out the reading response below:
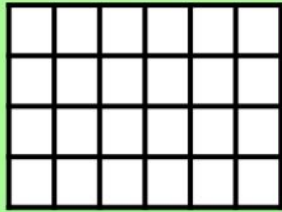
READING RESPONSE
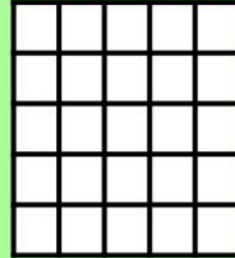
DATE: Wednesday, April 15

BOOK TITLE:

RESPOND

WORD WORK

Find the Area of each shape on the task cards.
Then record your answer on the Recording Sheet.

Find the area in square units.   1

Find the area in square units.   2

Find the area in square units.   3

Find the area in square units.   4

© Danielle Seibert – Math MindEd Teaching

Find the area in square units.   5

Find the area in square units.   6

Find the area in square units.   7

Find the area in square units.   8

© Danielle Seibert – Math MindEd Teaching

Find the area in square units.

9

Find the area in square units.

10
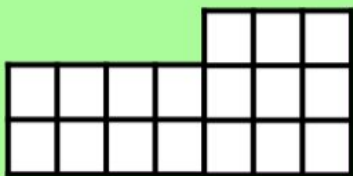
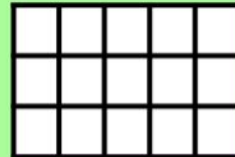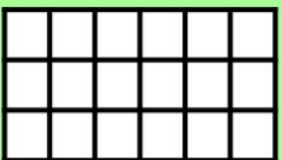Find the area in square units.

11
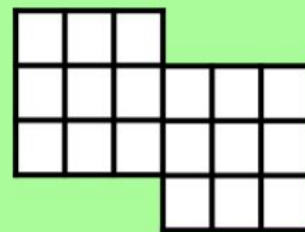
Find the area in square units.

12
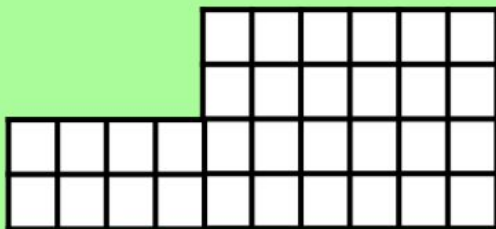
Find the area in square units.

13
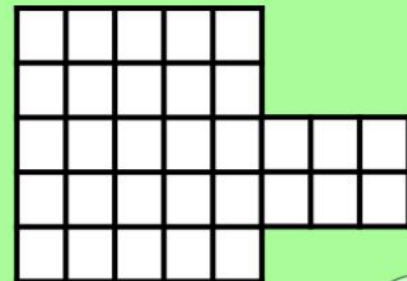
Find the area in square units.

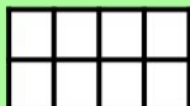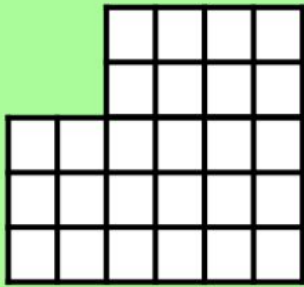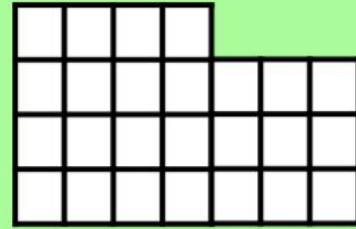14
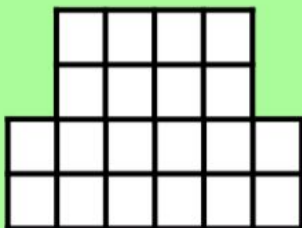
Find the area in square units.

15
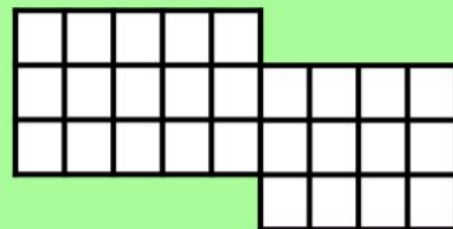
Find the area in square units.

16

Area by Counting Unit Squares – Task Cards

Name: _____   <u>Recording Sheet</u>

Directions: Find the area of the shape on each Task Card. Then record your answers on the Recording Sheet.

#1:

_____

#5:

_____

#9:

_____

#13:

_____

#2:

_____

#6:

_____

#10:

_____

#14:

_____

#3:

_____

#7:

_____

#11:

_____

#15:

_____

#4:

_____

#8:

_____

#12:

_____

#16:

_____

THE MOST MAGNIFICENT THING
Character Traits

1. Listen to the story, "The Most Magnificent Thing." Use this link on your device:
https://youtu.be/UM8oN4yzJqw

OR
Choose a fiction book of your own.

2. After you read the book, fill out the graphic organizer that focuses on character traits.

Name _____ Date _____

CHARACTER TRAITS

Story Title:

_____

_____

_____

Character:

_____
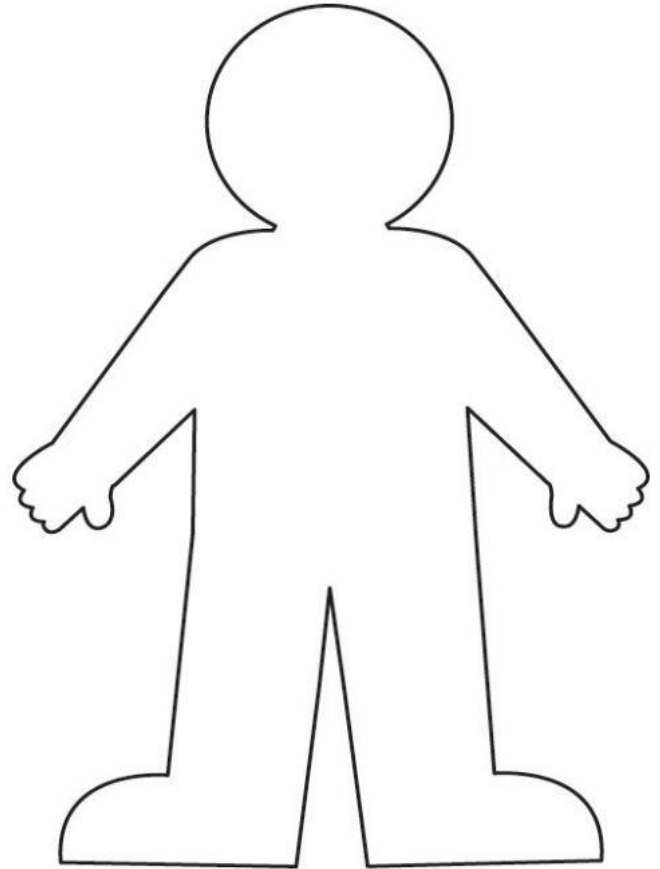
1st Trait: _____

Evidence from the text:

_____

_____

_____

_____

_____

_____

_____

2nd Trait: _____

Evidence from the text:

_____

_____

_____

_____

_____

_____

_____

Name _____

SPIN the AREA

Use a paperclip and pencil to make a spinner. Spin the spinner two times. Draw a rectangle with the length and width of the numbers spun. Find the area of your rectangle. See how many rectangles you can draw on one page.

2	4
5	6
1	3
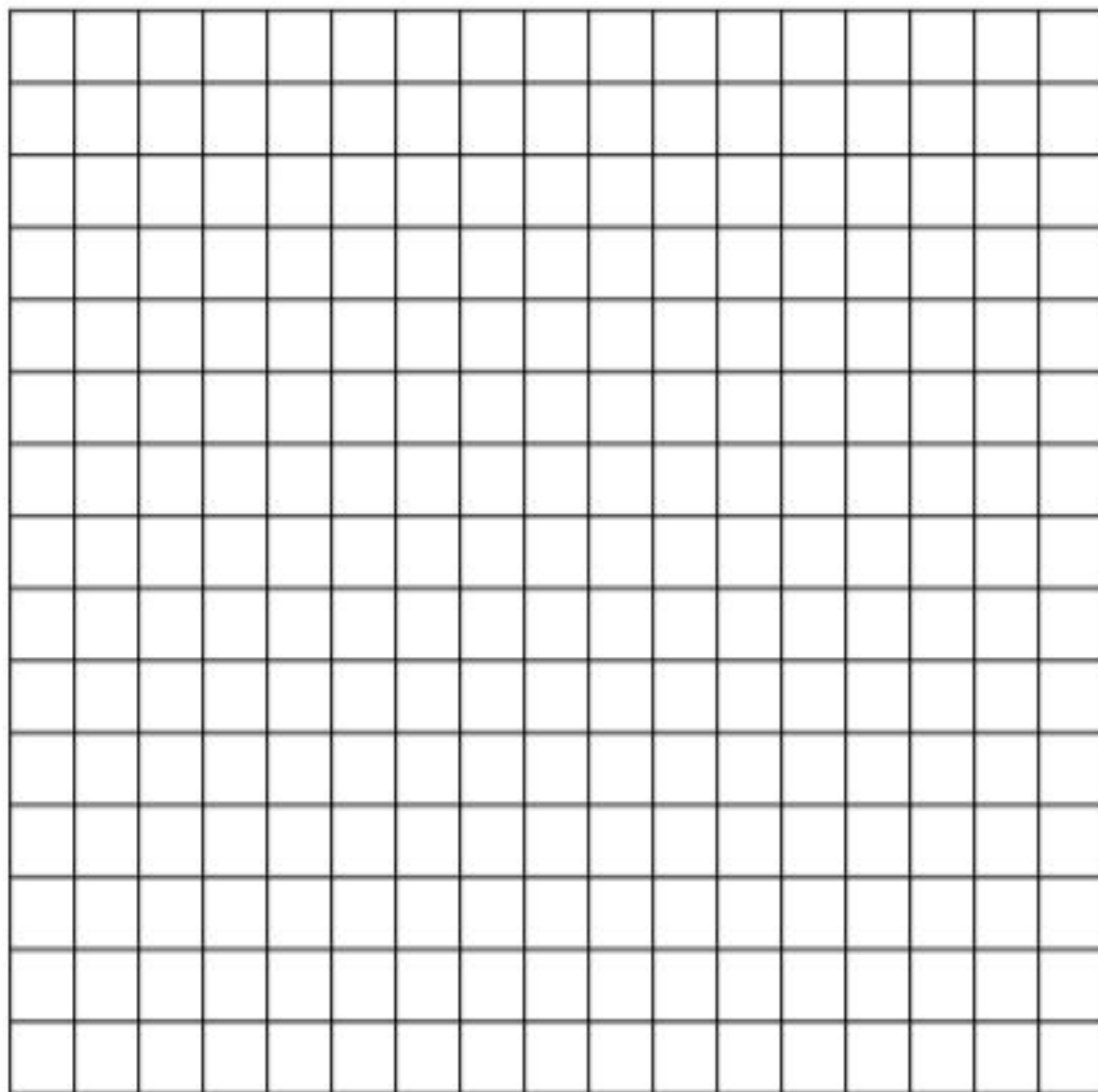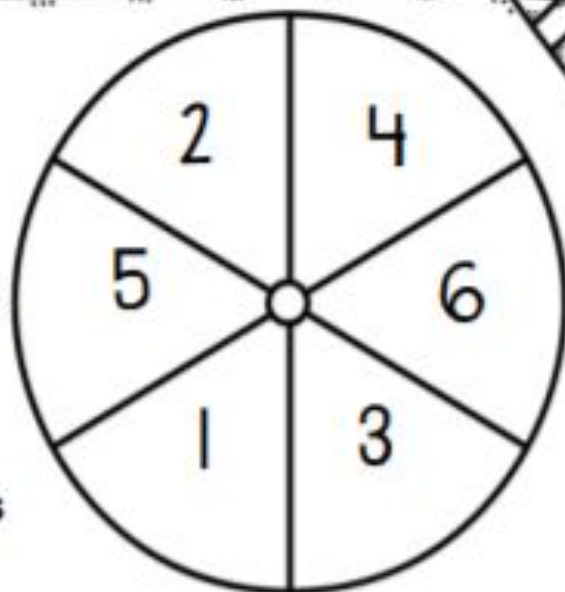
Area Models

Model 1:

Model 2:

Model 3:

Model 4:

Draw and label four rectangles with an area of

24

Model 1:

Model 2:

Model 3:

Model 4:

Draw and label four rectangles with an area of

36

Name _____

Area Word Problems

Solve each word problem with a number sentence and a picture.

A principal wants to have tile installed in a classroom. The room is 20 feet long and nine feet wide. What is the area of the room?	A painter was painting a wall that was nine feet long and seven feet wide. What was the area of the wall?
I have a square piece of wood that is seven inches long. What is the area of the wood?	My teacher needed new fabric on her bulletin board. It was six feet long and four feet wide. What was the area of the bulletin board?

Trait Match!

Choose the correct letter to match up the appropriate character trait.

___ Honest	A. Rex saved a dog from a burning building.
___ Polite	B. Lulu donated all of her money to the animal shelter.
___ Gentle	C. Ciara told her teacher the truth about the accident.
___ Disorganized	D. David sits alone at lunch every day.
___ Brave	E. Bryce always says hello to teachers he sees in the hall.
___ Unsure	F. Branden always says "please" and "thank you".
___ Competitive	G. Mia didn't feel confident enough to raise her hand.
___ Lonesome	H. Mason is very careful when he holds his baby sister.
___ Neat	I. Kelly always wants to win every game she plays.
___ Selfish	J. Everything in Hunter's desk is in it's proper place.
___ Generous	K. Gene can never find anything in his desk.
___ Cheerful	L. Mary does not like to share.

CHARACTER TRAITS: "Allie"

Read the passage three times. Shade a book each time.

Allie looked left and right. No one was in the corridor. She opened the classroom door and tiptoed inside, even though Miss Wong said it was against school rules to enter a classroom without a teacher.

After lunch, Miss Wong noticed that the classroom door was slightly ajar. "Did you enter the classroom when you weren't supposed to?" she asked Allie.

"Of course I didn't," said Allie. "However, I did see Maria in the corridor at lunch."

"Is that true?" Miss Wong asked Maria.

"No!" said Maria. "I don't break rules!"

"It was definitely Maria," said Allie. "She was running along the corridor when she should have been walking."

a) Which character trait best describes Allie? _____

b) In three different colors, shade three pieces of evidence from the passage to support your chosen character trait.

Write the evidence below.

1) _____

_____

2) _____

_____

3) _____

_____

c) Suggest two additional character actions that could infer the same character trait. Draw and label them in the boxes.

❶	❷

OPTIONAL

IF I COULD TRAVEL ANYWHERE I WOULD GO...

INSERT PHOTO HERE