

# Fourth Grade



## Vacation Packet

Name:.....

Parent Signature:.....

Due: September 9, 2019

*Math*

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

1. Count by 6s.

29, \_\_\_\_\_, 47, \_\_\_\_\_, \_\_\_\_\_

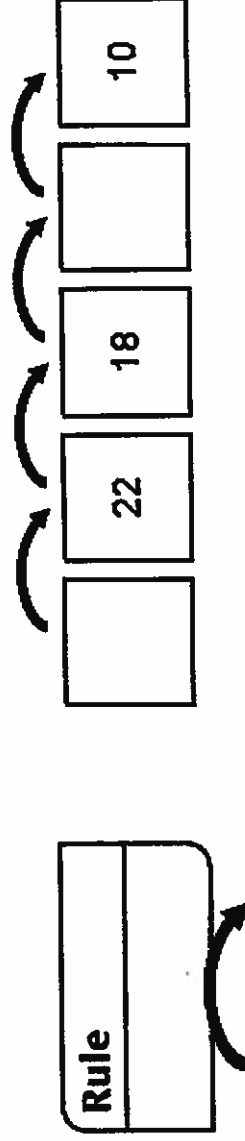
\_\_\_\_\_

2. Count back by 4s.

108, \_\_\_\_\_, 92, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_

3. Find the rule. Fill in the empty frames.



4. Use + or - to make each number sentence true.

11 = 7 \_\_\_\_\_ 4

7 = 16 \_\_\_\_\_ 9

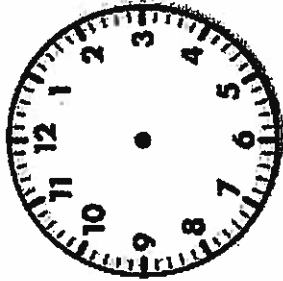
6 = 15 \_\_\_\_\_ 9

5 \_\_\_\_\_ 9 = 14

3rd to 4th Grade Summer Practice

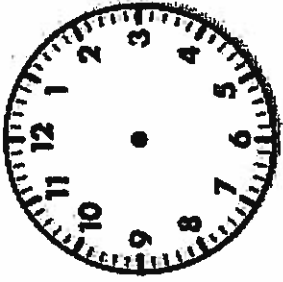
5. Draw the hands to show the times.

a.



12:20

b.

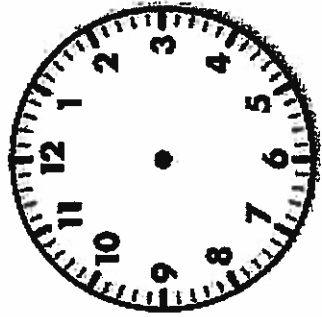


3:35

6. It is 9:55 A.M.

Draw the hour and minute hands to show the time 15 minutes earlier.

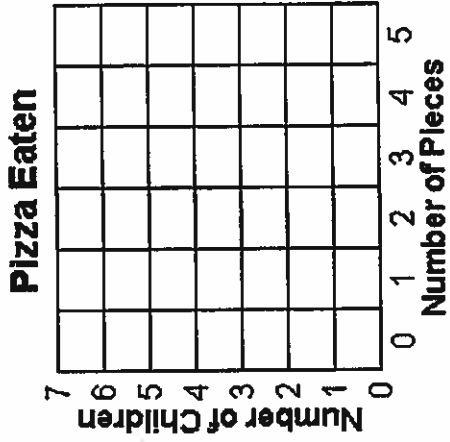
What time does the clock show?



3rd to 4th Grade Summer Practice

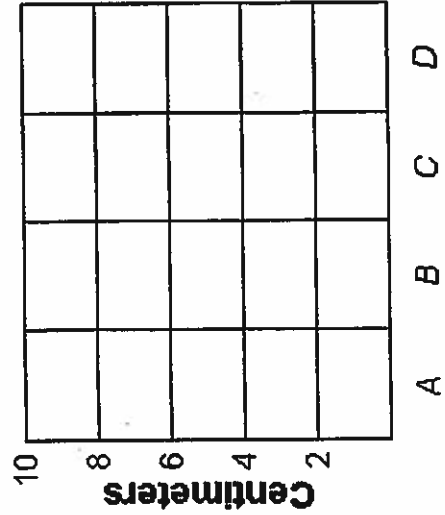
7. Use the tally chart to complete the bar graph.

Number of Pieces	Number of Children
0	###//
1	###
2	//
3	###/
4	///
5	///



8. Shade to show the following data.

- A is 10 cm.
- B is 5 cm.
- C is 7 cm.
- D is 4 cm.



3rd to 4th Grade Summer Practice

13. Complete the fact extensions.

$16 = 9 + 7$

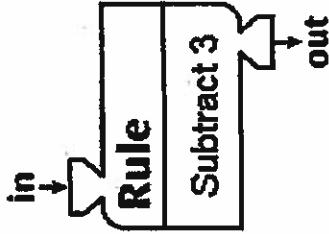
$_____ = 19 + 7$

$_____ = 29 + 7$

$_____ = 109 + 7$

$_____ = 159 + 7$

14. "What's My Rule?"



in	out
57	
66	
76	
	82

3rd to 4th Grade Summer Practice

15. Fill in the rule. Write your own number pair in the last row of the table.

in	out
60	100
80	120
40	80
30	70

16. You read 9 minutes on Monday, 52 minutes on Tuesday, and 27 minutes on Wednesday.  
 About how many minutes did you read altogether?

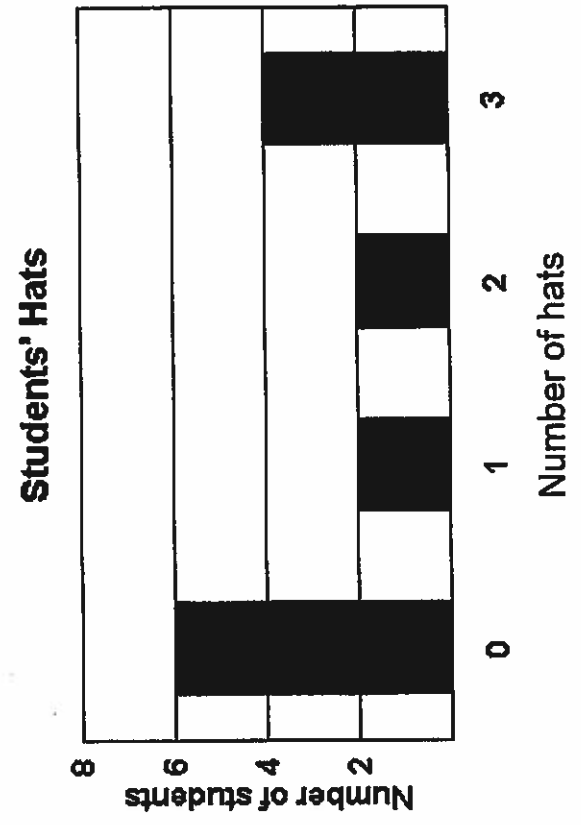
30                      90                      180                      450

Solve the problem.

You read for \_\_\_\_\_ minutes altogether.

3rd to 4th Grade Summer Practice

17. Miss Evans asked each of her students how many hats he or she has. The data is recorded in the bar graph below.



How many more students have hats than students who do not have hats?  
\_\_\_\_\_ students

18. Measure line segment to the nearest  $\frac{1}{2}$  inch.  
\_\_\_\_\_

About \_\_\_\_\_ inches.

19. Measure the line segment to the nearest  $\frac{1}{4}$  inch.  
\_\_\_\_\_

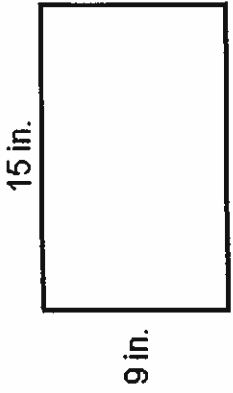
About \_\_\_\_\_ inches



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

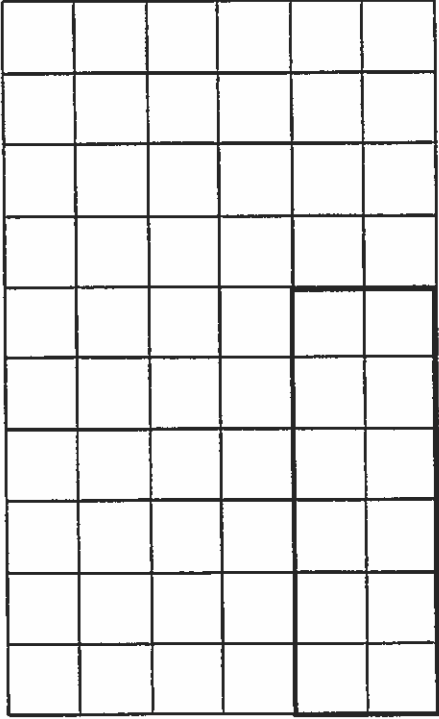
3rd to 4th Grade Summer Practice

20. What is the perimeter of the rectangle?



Perimeter = \_\_\_\_\_  
(unit)

21. What is the area of the rectangle?

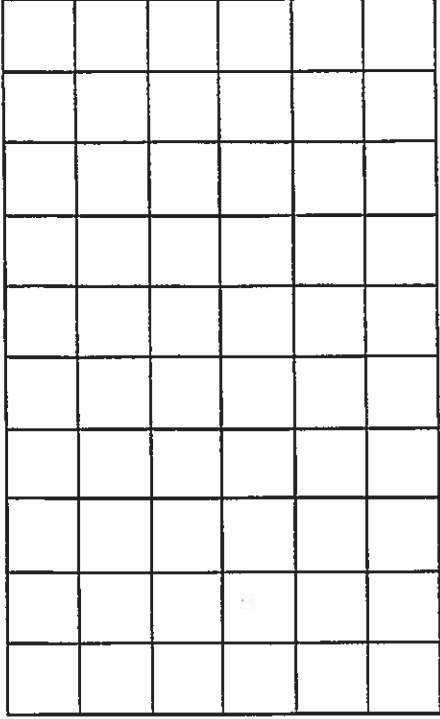


Area = \_\_\_\_\_ square cm

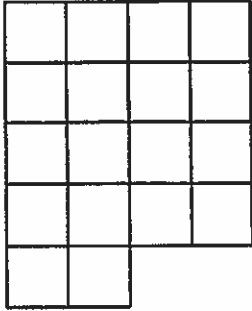
Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

22. Draw a shape with an area of 15 square centimeters.



23. Each square equals 1 square meter. Find the area.

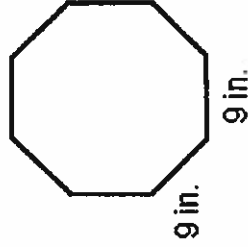


Area = \_\_\_\_\_ square meters

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

24. Find the perimeter of the regular octagon.



Perimeter = \_\_\_\_\_  
(unit)

25. Draw an array of 8 Xs arranged in 4 rows.

How many Xs in each row? \_\_\_\_\_

Write a number model for the array. \_\_\_\_\_

26. 6 people share 24 grapes equally. How many grapes per person?  
Choose the best answer.

- a.  $24 \div 6$     b.  $24 \times 6$     c.  $6 \div 24$     d.  $24 + 6$

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

27. 12 chairs placed in 3 rows. How many chairs in each row?

rows	chairs per row	chairs in all
3	?	12

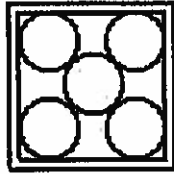
Show an array for the chairs

Number Model: \_\_\_\_\_

Answer: \_\_\_\_\_

28. You have 15 water bottles to put into coolers. 5 water bottles fit into each cooler. How many coolers do you need?

coolers	water bottles per cooler	water bottles in all
?	5	15



Number model: \_\_\_\_\_

Answer: \_\_\_\_\_  
(unit)

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

29. a. Fill in the squares in this column of the Multiplication Facts Table.

x	0	1	2	3	4	5	6	7	8	9
0										
1										
2										
3										
4										
5										
6										
7										
8										
9										

b. Are all the numbers you filled in even or odd? Explain why.

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

30. On the first day of spring, the lengths of the day and night are equal. If the sun rises at 6:25 A.M. on that day, at what time would you expect it to set?

\_\_\_\_\_ : \_\_\_\_\_ P.M.

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

31. Angeliqe practices the piano from 4:50 P.M. to 5:35 P.M. every day after school and from 9:15 A.M. to 9:50 A.M. on weekends. How long does she practice the piano in one week?

\_\_\_\_\_ hours \_\_\_\_\_ minutes

32. There are 7 days in one week. How many days are there in 3 weeks? Use the calendar to help you.

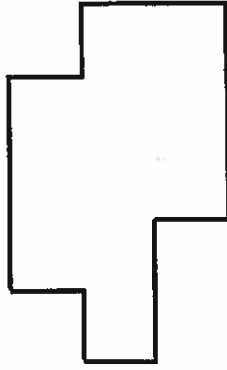
\_\_\_\_\_ days

**July**

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

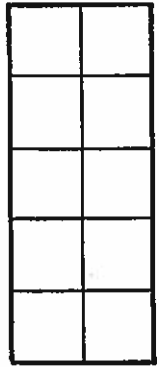
33. a. Measure and label the sides of the polygon in centimeters.

b. What is the perimeter of the polygon? \_\_\_\_\_ cm



3rd to 4th Grade Summer Practice

37. Find the perimeter and area of the rectangle.



Unit
cm

a. Perimeter = \_\_\_\_\_  
(unit)

b. Area = \_\_\_\_\_  
(unit)

38. Make a ballpark estimate. Write the number model.

$403 - 248 =$  \_\_\_\_\_

Number model: \_\_\_\_\_

39. Circle the right triangles. Use the corner of a piece of paper to check.



40. I have four vertices.  
I have exactly one pair of parallel sides.

What am I? \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

41. Answer this riddle.

*I have three sides and I contain a right angle.*

What shape am I? \_\_\_\_\_

42. Answer this riddle.

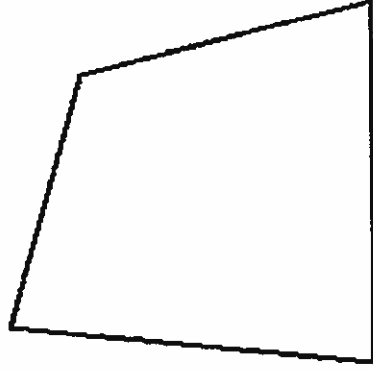
*I have four sides. I have two pairs of equal sides and four right angles.*

What shape am I? \_\_\_\_\_

43. Draw a shape that is a parallelogram with at least one right angle.

This shape is a \_\_\_\_\_.

44. There may be more than one correct name for the geometric figure. Identify all of the correct names.



- a. polygon
- b. polygon, quadrangle, parallelogram, rectangle
- c. polygon, quadrangle
- d. polygon, quadrangle, parallelogram



Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

45. a. Use a straightedge. Draw line segments to form a quadrangle.

L •

A •

T •

S •

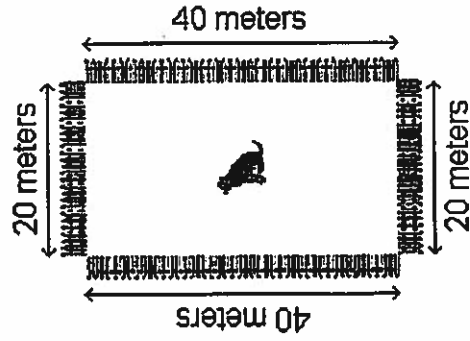
b. Use the points above to write one letter name for the quadrangle.

\_\_\_\_\_

c. Which letter names the right angle? angle \_\_\_\_\_

46. How long is the fence around the dog?

\_\_\_\_\_ meters



3rd to 4th Grade Summer Practice

47. Fill in the missing factors.

a.  $5 \times \underline{\hspace{2cm}} = 15$

b.  $7 \times \underline{\hspace{2cm}} = 14$

c.  $6 \times \underline{\hspace{2cm}} = 60$

48. Fill in the missing products.

a. $\begin{array}{r} \square \\ \times 4 \\ \hline \end{array}$	b. $\begin{array}{r} 6 \\ \times 4 \\ \hline \square \end{array}$	c. $\begin{array}{r} 7 \\ \times 3 \\ \hline \square \end{array}$
d. $\begin{array}{r} 4 \\ \times 7 \\ \hline \square \end{array}$		

49. Fill in the missing factors and products.

a.  $6 \times 10 = \underline{\hspace{2cm}}$

b.  $\underline{\hspace{2cm}} \times 5 = 15$

c.  $4 \times \underline{\hspace{2cm}} = 40$

d.  $5 \times 9 = \underline{\hspace{2cm}}$

e.  $4 \times 2 = \underline{\hspace{2cm}}$

f.  $9 \times \underline{\hspace{2cm}} = 18$

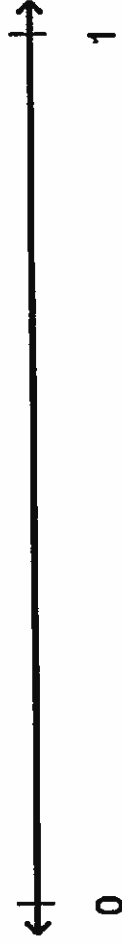
50. Write  $>$ ,  $<$ , or  $=$ .

$7 \times 5 \times 2 \underline{\hspace{1cm}} 35 \times 2$

$7 \times 5 \times 2 \underline{\hspace{1cm}} 7 \times 10$

3rd to 4th Grade Summer Practice

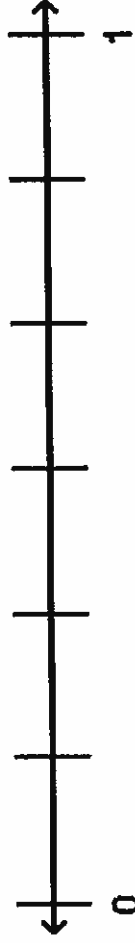
54. a. Divide the interval into 6 equal parts.



b. Label  $\frac{4}{6}$  on the number line.

c. How many  $\frac{1}{6}$ s make  $\frac{4}{6}$ ? \_\_\_\_\_

55. a. Circle  $\frac{4}{6}$  on the number line below.



b. Circle  $\frac{2}{3}$  on the number line below.



c. Are  $\frac{4}{6}$  and  $\frac{2}{3}$  equivalent fractions? Explain your answer.

---

---

---

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

56. Write 4 fractions equivalent to  $\frac{1}{4}$ .

\_\_\_\_\_

57. Circle the fractions that are equivalent to  $\frac{1}{2}$ .

$$\frac{2}{4}$$

$$\frac{3}{6}$$

$$\frac{5}{10}$$

$$\frac{5}{8}$$

$$\frac{5}{12}$$

$$\frac{2}{1}$$

58. Write  $>$ ,  $<$ , or  $=$ .

$$\frac{3}{7} \square \frac{3}{5}$$

59. A baker needs 84 eggs. Eggs come in cartons that hold 12 eggs each. How many cartons does the baker need?

\_\_\_\_\_ cartons

60. How many 8s in 64? \_\_\_\_\_

How many 7s in 21? \_\_\_\_\_

61. How much do four 60-pound white marlins weigh?

\_\_\_\_\_ pounds

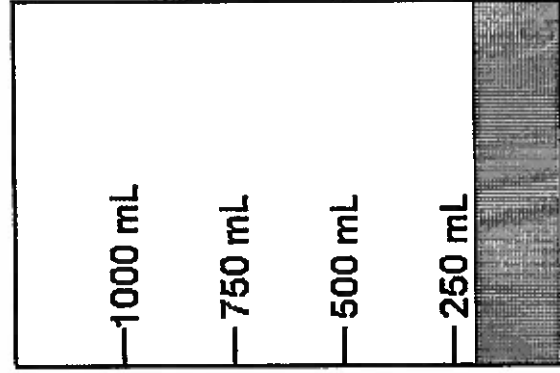
Show your work.

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

63. John has a beaker with 200 mL of liquid in it. If he adds 450 mL of liquid to the beaker, how much liquid will be in the beaker altogether?

\_\_\_\_\_ mL



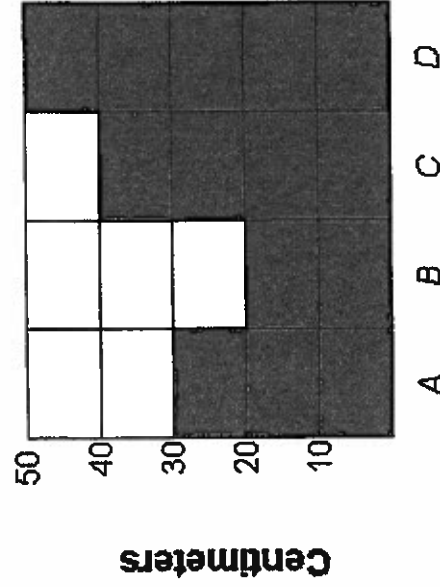
64. A penny weighs about 3 g. How much do 7 pennies weigh?

About \_\_\_\_\_

(unit)

3rd to 4th Grade Summer Practice

65. Use the bar graph.



Which plant is the tallest? \_\_\_\_\_ How tall is it? \_\_\_\_\_

Which plant is the shortest? \_\_\_\_\_ How tall is it? \_\_\_\_\_

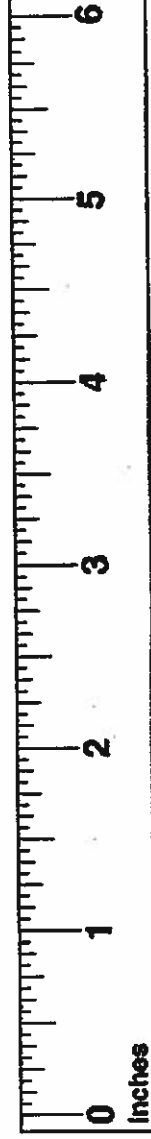
What is the height difference between the tallest and shortest plants?

\_\_\_\_\_

66. a. Make a dot at  $1\frac{1}{2}$  inches. Label it with the letter *K*.

b. Make a dot at 3 inches. Label it with the letter *L*.

c. Make a dot at  $5\frac{1}{2}$  inches. Label it with the letter *M*.



3rd to 4th Grade Summer Practice

67. Draw a set of 12 circles.

Color  $\frac{1}{12}$  of the set green.

Color  $\frac{1}{4}$  of the set red.

Color  $\frac{1}{6}$  of the set blue.

68. Fill in the missing fractions on the number line.

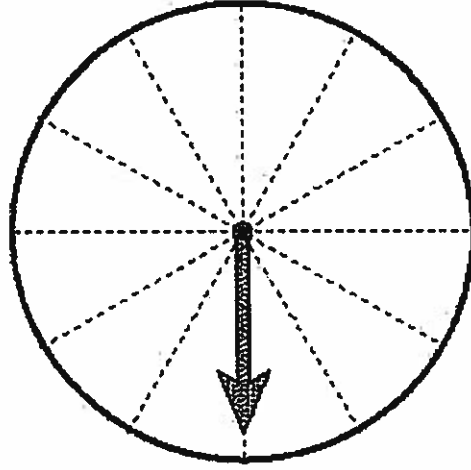


69. Color the spinner so that it matches the description.

$\frac{1}{4}$  blue

$\frac{1}{6}$  green

$\frac{7}{12}$  red



What color would you expect the spinner to land on most often? \_\_\_\_\_

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

3rd to 4th Grade Summer Practice

70. It takes Julian and Ethan 16 minutes to ride their bicycles to the library. If they leave home at 3:58 P.M., at what time will they arrive?

\_\_\_\_\_ : \_\_\_\_\_ P.M.

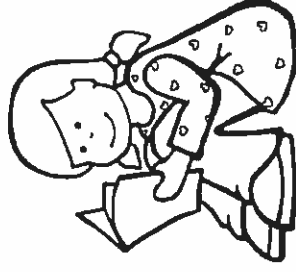


**4<sup>TH</sup> GRADE SUMMER READING 2019**  
**"THE ONE AND ONLY IVAN"**  
**BOOK BOX PROJECT**

**INSTRUCTIONS**

- **DECORATE AND FILL A BOX WITH EIGHT OBJECTS AND PICTURES THAT REPRESENT IMPORTANT PARTS OF YOUR BOOK**
- **WRITE A PARAGRAPH FOR EACH OBJECT THAT TELLS WHY THE OBJECT IS IMPORTANT IN THE STORY**
- **PROJECTS WILL BE GRADED ACCORDING TO THE RUBRIC ATTACHED**
- **PROJECTS MUST BE BROUGHT IN ON THE FIRST DAY OF SCHOOL**

# Book in a Box



## The Project

Decorate a box to represent the book and fill it with objects that represent different parts of the book.

## The Details

- You can use a shoebox, oatmeal canister, coffee can or other similarly sized container for this project.
- Decorate your box to go with the book. You can draw pictures yourself or use pictures from magazines or the internet. Be sure to include the title and author of the book on the box as well as your name.
- Find at least 8 different objects. You can use pictures if the object you want to use is too big to fit inside your box.
- For each object, make a note card that includes the name of the object at the top and a paragraph about how the object is and important part of the book.

## Tips for Success

- ✓ As you read the book, keep a list of ideas for objects that you might want to use for this project.
- ✓ If you use pictures, glue them onto cardboard backings to make them more durable and appealing.
- ✓ Try to find at least one object for each chapter of the book.

Name \_\_\_\_\_ Due Date \_\_\_\_\_

Title of Book \_\_\_\_\_

Name \_\_\_\_\_

# Book Project Notes

Use this form to keep track of important ideas, thoughts, questions, and words while you read the book. If you fold it in half and in half again, it makes a handy bookmark. That way you will always have your notes nearby.

Title \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

Pg. # \_\_\_\_\_

# Book in a Box Rubric

Name \_\_\_\_\_ Book Title \_\_\_\_\_

	<p><b>Overall</b></p> <ul style="list-style-type: none"> <li>• At least 8 objects were included.</li> <li>• Each object has a note card with title and paragraph.</li> <li>• Shoe box is decorated.</li> </ul>
	<p><b>Quality</b></p> <ul style="list-style-type: none"> <li>• Note cards are neat with correct paragraph form, spelling, grammar and punctuation.</li> <li>• Shoebox is appealing. Care was taken with work.</li> </ul>
	<p><b>Accuracy</b></p> <ul style="list-style-type: none"> <li>• Objects represent important elements in the story.</li> <li>• Note cards explain importance of each object.</li> <li>• Shoebox is decorated appropriately; title and author are prominently displayed.</li> </ul>
Total Score	Teacher Comments: