

SAINT URSULA SCHOOL
8900 Harford Road
Baltimore, MD 21234-4193

ENTERING GRADE FIVE
2022-2023

June 2022

Dear Parents:

Students **entering grade 5** are required to read two books. One of the books will be *Summer According to Humphrey* by Betty G. Birney. It would be helpful to purchase this book because we will be using this the first week of school. As your student reads, please encourage them to use post it notes to record notices and wonders throughout the story. The book should be completed by the start of the school year.

The second book will be a Cereal Box project. Students will be required to decorate a box using the template provided. Students are able to pick one book from the following series:

- *Diary of a Wimpy Kid* by Jeff Kinney
- *Last Kids on Earth* by Max Brallier
- *I Survived* by Lauren Tarshis
- *The Boxcar Children* by Gertrude Chandler Warner
- *The Baby-Sitters Club* by Ann M. Martin

The Cereal Box project must be completed and brought into school by Tuesday, September 6.

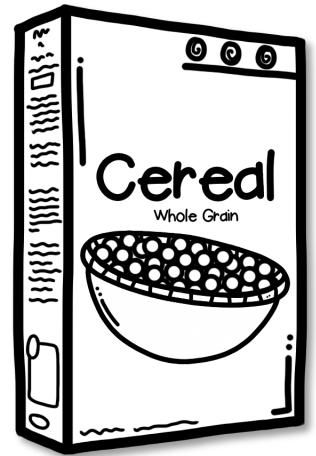
We encourage you and your child to visit the library frequently. The reading of these and other books is a way to establish good reading habits, and build a strong vocabulary.

Sincerely,

The Fifth Grade Teachers

Cereal Box Book Report

STUDENT GUIDE



Have you read a great book lately? Do you like cereal? Are you ready to create the world's most interesting book report? It's time for Cereal Box Book Reports! Using an empty cereal box, create your report following these directions:

Entire Box: Cover the entire box with a large sheet of white or light-colored paper. Neatly wrapping it like a present is a good approach.

Front of Box: Think of a name for your new cereal that is closely related to your book. For example, for the book The Lightning Thief, you could name your cereal "Lightning-O's." Design the front of your box to be colorful and attractive. It should show what the cereal looks like and should also include a picture of a related prize. For "Lightning-O's," the prize might be a pen in the shape of a lightning bolt.

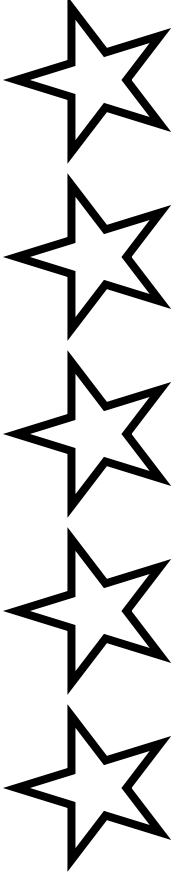
Back of Box: Every fun box of cereal has a game or puzzle on the back! Your cereal also needs one. Design and include a puzzle, word scramble, maze, crossword, or any other fun activity on the back of your box. Make sure it completely relates to your book.

Right Side: Neatly write a summary on the sheet provided. Cut and glue onto the right side of the box. Add some color, if you would like!

Left Side: All cereal boxes have a list of ingredients. Great books also have necessary ingredients, including a setting and main characters. Complete the Ingredients panel on the provided sheet. Cut and glue onto the left side of the box.

Top of Box: Fill out the information on the provided sheet. Would you rate your book as a 1-star (pretty awful) or a 5-star (the best you've ever read) story? Color in the appropriate number of stars. Cut and paste this panel onto the top of your box.

Top of Box: Fill out, cut, and paste to the top of your cereal box.

Title of Book: _____
Author: _____
of Pages: _____ Rating: 

Right Side of Box: Write a summary that describes only the main events, including the problem and solution, of the book. Remember to use descriptive words that make the reader want to know more! Then cut and paste to the right side of your cereal box.

Summary: _____

Ingredients

Setting:

Main Characters:

Left Side of Box: Fill out, cut, and paste to the left side of your cereal box.

SETTING: The setting describes not only where, but also when the story takes place. Did it take place long ago, in the present days, or far into the future? If it took place in 2 different places, such as the forest and a cottage, describe both.

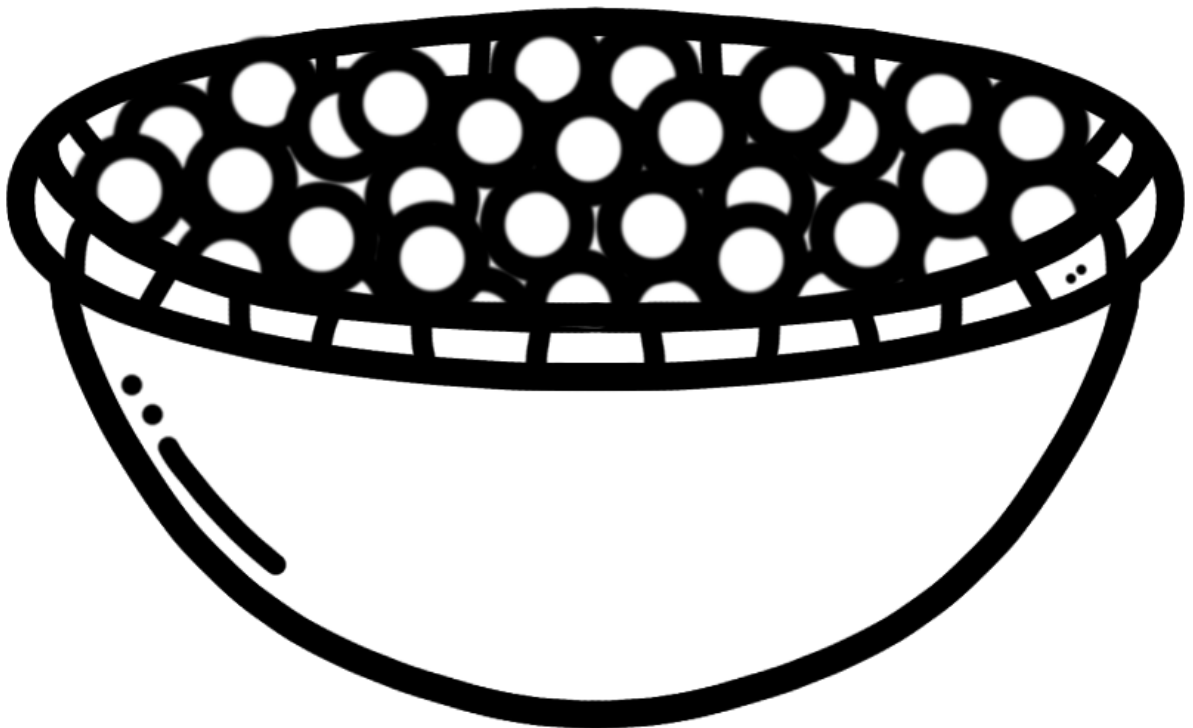
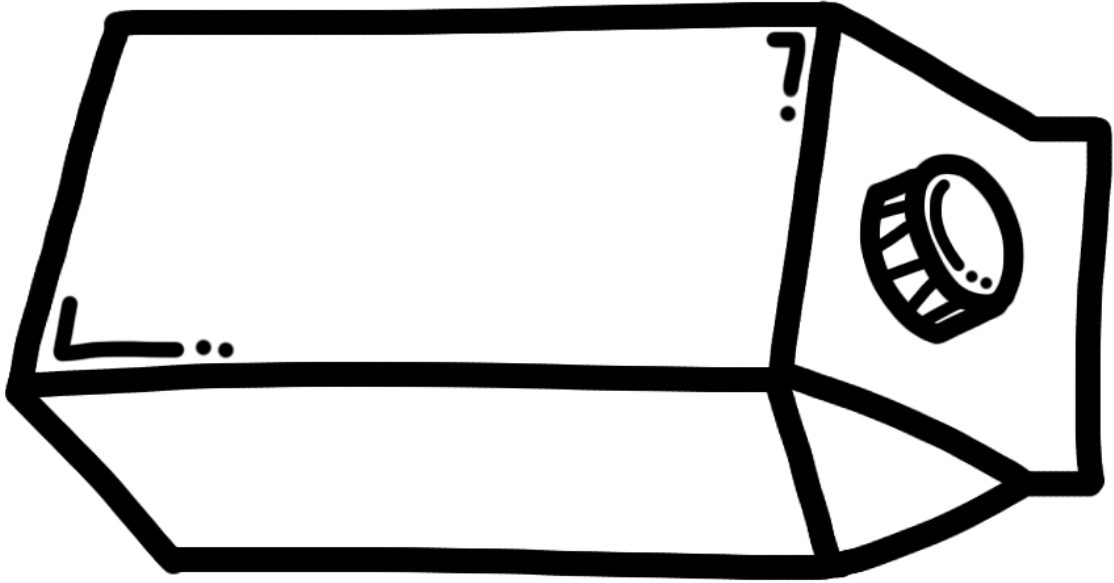
MAIN CHARACTERS: List only the main characters, along with a description of each.

For example, if you were describing Goldilocks, you might write:

Goldilocks: She is a young girl who is very curious and feels she has to explore strange houses with unlocked doors.

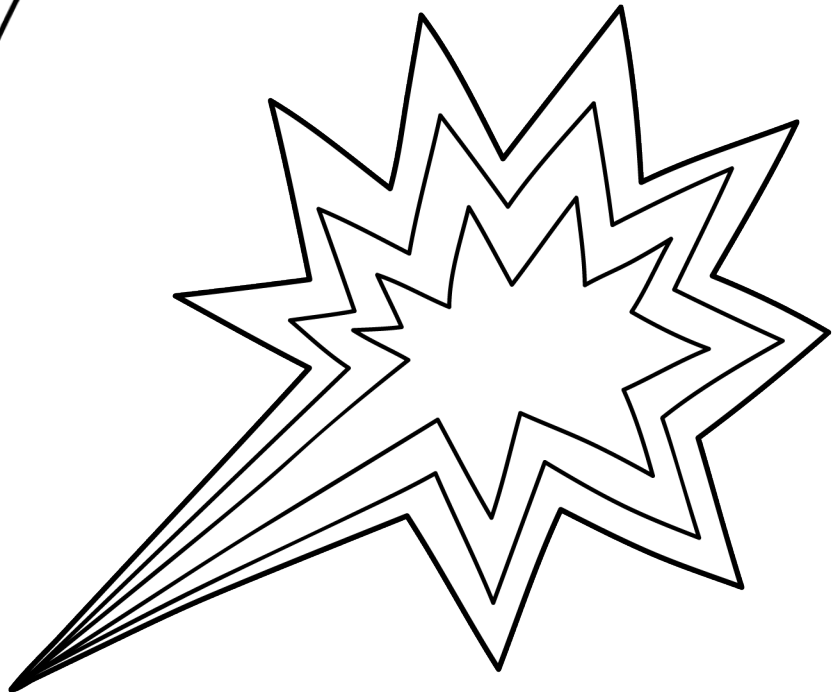
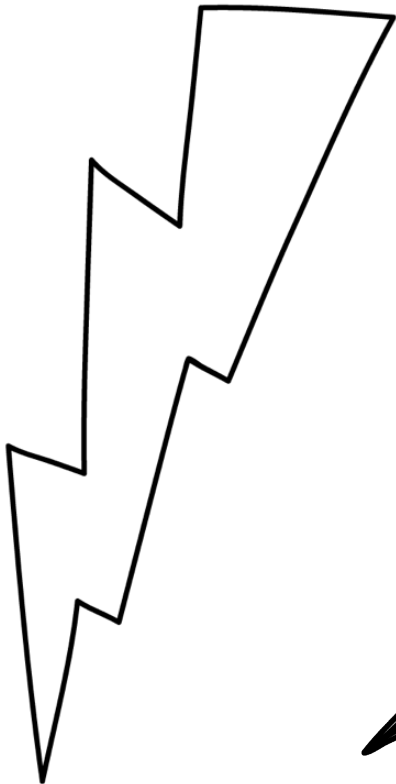
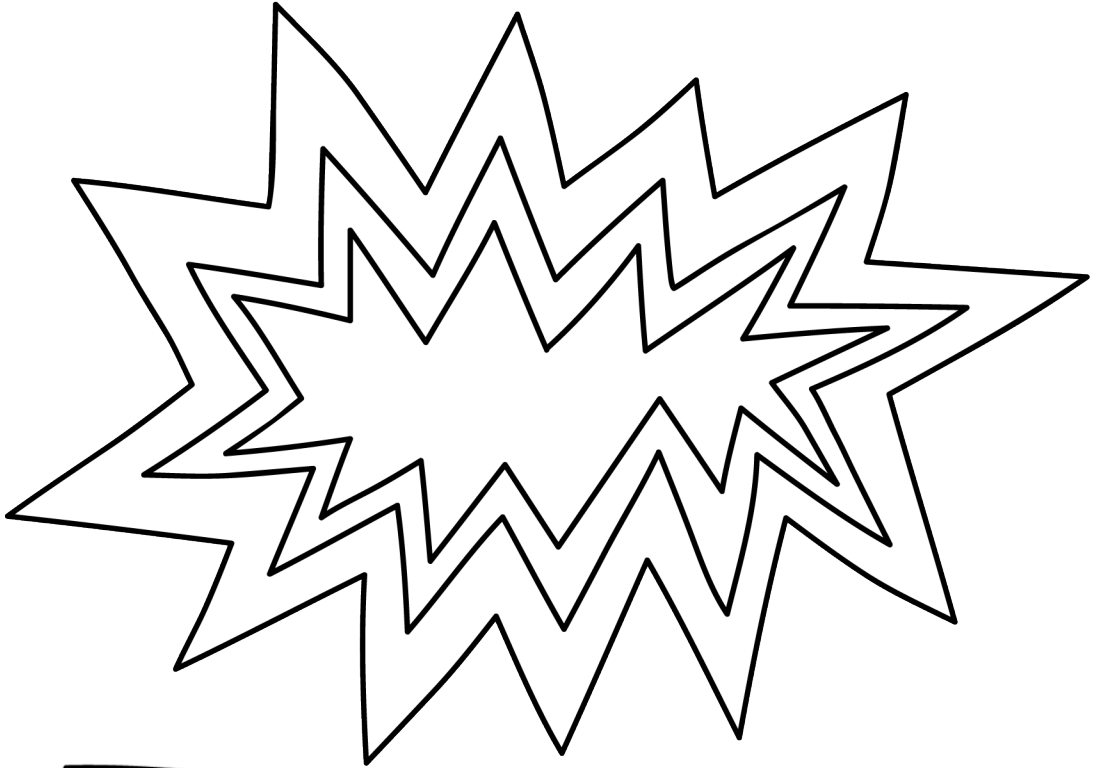
Extra Accent Pieces

Use these extra accent pieces to help decorate your box, if desired.



Extra Accent Pieces

Use these extra accent pieces to help decorate your box, if desired.



Cereal Box Book Report Scoring Rubric

Name: _____

Date: _____

	4 Exceeds Expectations	3 Meets Expectations	2 Partly Meets Expectations	1 Does Not Meet Expectations
Left Side of Box Ingredients	Includes all characters and setting using complete sentences. The setting is described in great detail.	Includes most characters and most items are written in complete sentences. The setting includes some details.	Includes some characters and setting, but are minimally described.	Does not include characters or setting. Descriptions are not provided.
Right Side of Box Summary	The main problem and solution are clearly stated with good detail.	The main problem and solution are provided with some detail.	The main problem and solution are included without detail.	The summary does not describe the main problem or the solution.
Top of Box Brief Book Description	All book elements are included.	Most book elements are included.	Some book elements are included.	No book elements are included.
Front of Box Title	Name of cereal and picture are closely related to title of book.	Name of cereal and picture are related to title of the book.	Name of cereal or picture are not related to title of the book.	Does not include name of cereal or picture.
Back of Box Game	The game and/or puzzle is detailed and strongly connected to the book.	The game and/or puzzle is somewhat detailed and connected to the book.	The game and/or puzzle lack detail but show some connection to the book.	The game and/or puzzle are not detailed and not clearly connected to the book.

Cereal Box Book Report Scoring Rubric

PAGE 2

	4 Exceeds Expectations	3 Meets Expectations	2 Partly Meets Expectations	1 Does not Meet Expectations
Prize	Prize offered is directly related to the story. Originality and creativity is evident.	Prize offered is related to the story. Originality and creativity is somewhat evident.	Prize offered shows minimal connection to the story. Originality and creativity is minimal.	Prize offered does not show any connections to the story. It is not original or creative.
Neatness/ Creativity	The box is completely and attractively covered with paper. All items are written or drawn neatly. The box looks appealing enough to buy the cereal brand!	The cereal box is covered with paper. Most items are written or drawn neatly. The box looks attractive.	The cereal box is mostly covered with paper. Some items are not neatly written or illustrated.	The cereal box is partly covered with paper. Most writing and illustrations are sloppy and hard to read.
Total Points				

Summer Math - Rising 5th Grader 2022

This year students will be using the digital tool Zearn as a part of summer math.

Zearn has many qualities including:

- Reinforces basic facts, computation, problem solving, number sense and math concepts.
- Includes short student-paced videos that explain math ideas.
- Provides a pause point for students to practice math.
- Reinforces problem solving using interactive math models.
- Gives real-time feedback.
- Uses built-in math help when a student is stuck.

Please email the 5th grade teacher indicated to request your child's username and password:

- Last names from A - N contact Mrs. Nietubicz at mnietubicz@stursula.org
- Last names from O-Z please contact Ms. Commodari at mcommodari@stursula.org

Students will be working on Mission 3 - Multiplying Big Numbers, Lessons 1 - 13. Each lesson includes the following: Number Gym, Blast, Math Chat, Tower of Power and Bonus. Lessons will take approximately 30 minutes each to complete.

The attached PDFs include "Student Notes" to be used during the digital lesson and "Exit Tickets" to be used after the lesson. Students are expected to complete the digital lesson AND the exit ticket. Exit tickets will be collected when students return to school. Student notes do not have to be returned but should be completed as they are valuable math practice.

Summer math is a required activity which will be graded and included in Trimester 1 grades. Students who complete all digital lessons and return the exit tickets by Friday, September 2, 2022 will receive a prize.

Students entering 5th grade are expected to be proficient in basic addition, subtraction, multiplication, and division facts. They should be able to complete basic facts with accuracy and automaticity. Students may practice basic facts using any strategy they choose. Practicing for 5-10 minutes each day will be more helpful than practicing for longer amounts of time less frequently.

We are looking forward to working with you in 5th grade! Happy Summer!

Lesson 1
G:4 M:3

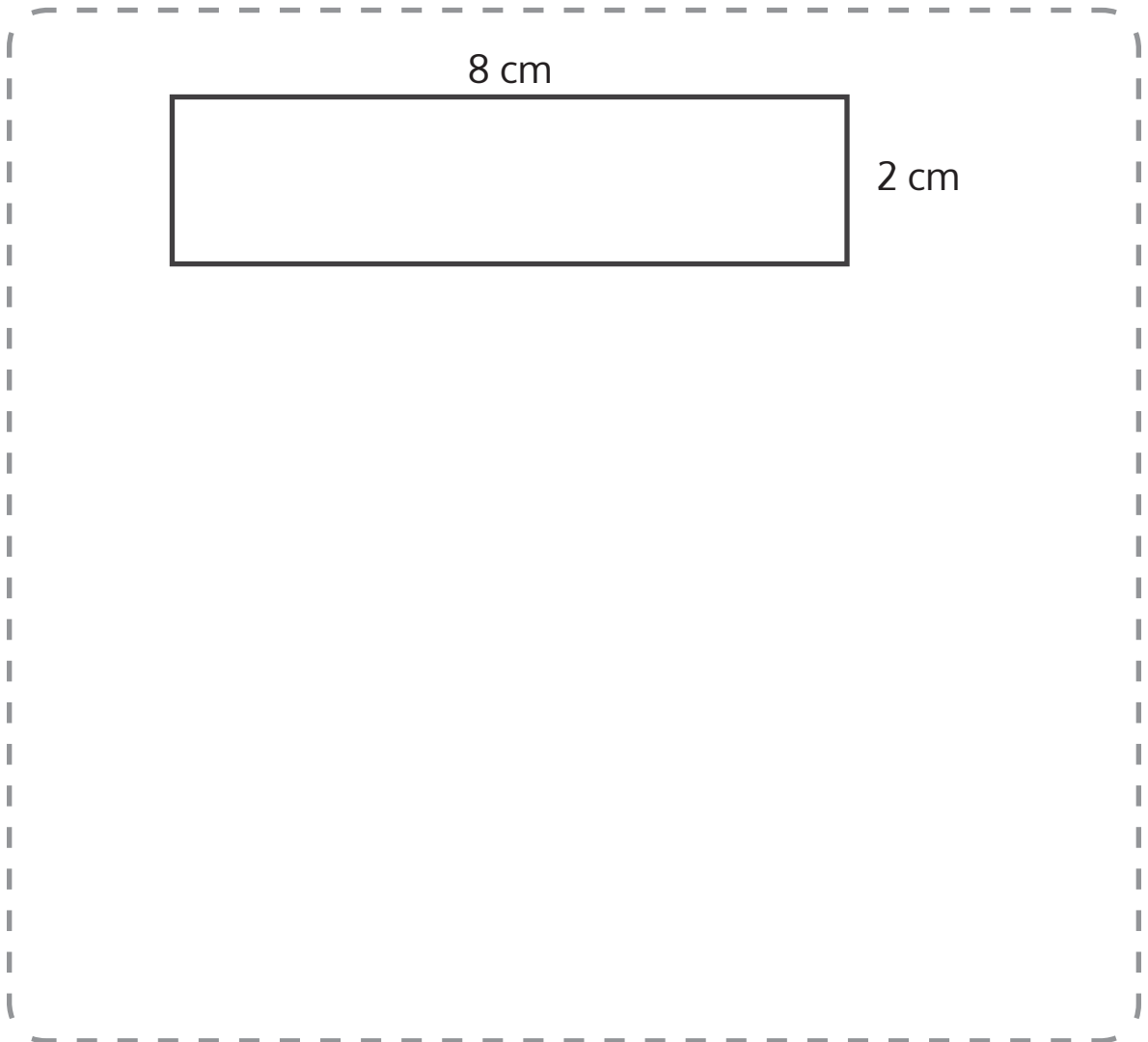
EXIT TICKET

Name: _____ Date: _____

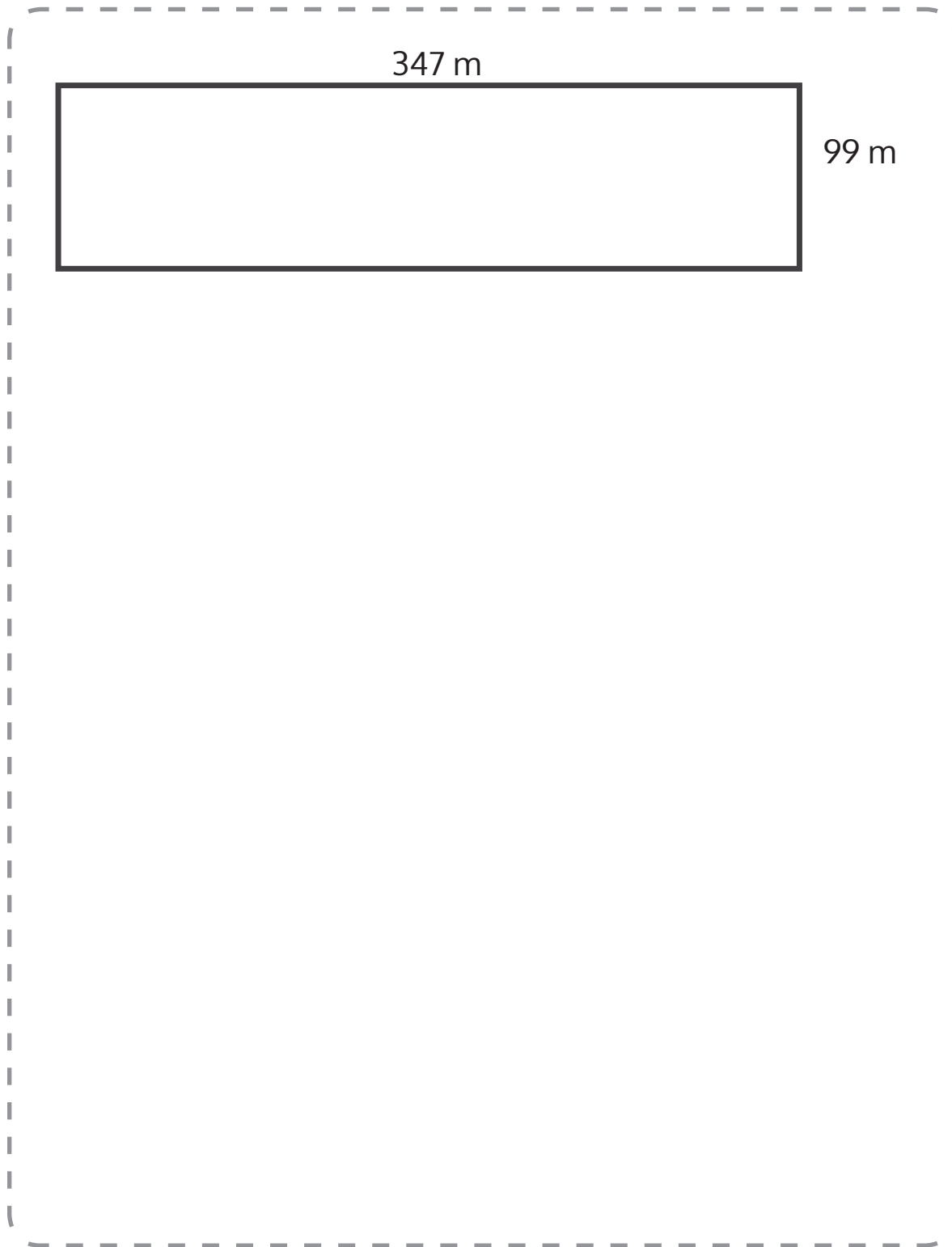
Complete:

Class: _____

1. Determine the area and perimeter of the rectangle.



2. Determine the perimeter of the rectangle.



EXTRA WORKSPACE



Lesson 2
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete: Class: _____

1. A table is 2 feet wide. It is 6 times as long as it is wide.
 - a. Label the diagram with the dimensions of the table.



- b. Find the perimeter of the table.

SHOW YOUR WORK



Lesson 3
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

Solve the following problem. Use pictures, numbers, or words to show your work.

1. A rectangular poster is 3 times as long as it is wide. A rectangular banner is 5 times as long as it is wide. Both the banner and the poster have perimeters of 24 inches. What are the lengths and widths of the poster and the banner?

SHOW YOUR WORK



Lesson 4
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

1. Fill in the blanks in the following equations.

a. $5 \times 10 =$ _____

b. _____ $\times 5 = 500$

c. $5,000 =$ _____ $\times 1,000$

d. $10 \times 2 =$ _____

e. _____ $\times 20 = 2,000$

f. $2,000 = 10 \times$ _____

g. $100 \times 18 =$ _____

h. _____ $= 10 \times 32$

i. $4,800 =$ _____ $\times 100$

j. $60 \times 4 =$ _____

k. $5 \times 600 =$ _____

l. $8,000 \times 5 =$ _____



Lesson 5
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete: Class: _____

Draw place values disks to represent the value of the following expressions.

1. $4 \times 200 =$ _____

4 times _____ is _____.

$$\begin{array}{r} 200 \\ \times 4 \\ \hline \end{array}$$

thousands	hundreds	tens	ones

2. $4 \times 2,000 =$ _____

_____ times _____ is _____.

$$\begin{array}{r} 2,000 \\ \times 4 \\ \hline \end{array}$$

thousands	hundreds	tens	ones





3. Find the product.

a. 30×3	b. 8×20	c. 6×400	d. 2×900
e. 8×80	f. 30×4	g. 500×6	h. $8 \times 5,000$

4. Bonnie worked for 7 hours each day for 30 days. How many hours did she work altogether?

SHOW YOUR WORK



Lesson 6
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

Represent the following problem by drawing disks in the place value chart.

1. To solve 20×30 , think:

$$(2 \text{ tens} \times 3) \times 10 = \underline{\hspace{2cm}}$$

$$20 \times (3 \times 10) = \underline{\hspace{2cm}}$$

$$20 \times 30 = \underline{\hspace{2cm}}$$

hundreds	tens	ones


2. Draw an area model to represent 20×30 .

AREA MODEL



$$2 \text{ tens} \times 3 \text{ tens} = \underline{\hspace{2cm}}$$





3. Every night, Eloise reads 40 pages. How many total pages does she read at night during the 30 days of November?

SHOW YOUR WORK



Lesson 7
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

1. Represent the following expressions with disks, regrouping as necessary. To the right, record the partial products vertically.

a. 6×41

hundreds	tens	ones

b. 7×31

hundreds	tens	ones



Lesson 8
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

1. Represent the following expressions with disks, regrouping as necessary. To the right, record the partial products vertically.

a. 4×513

b. $3 \times 1,054$



Lesson 9
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:


Class: _____

1. Solve using the standard algorithm.

$$\begin{array}{r} 608 \\ \times 9 \\ \hline \end{array}$$

$$\begin{array}{r} 574 \\ \times 7 \\ \hline \end{array}$$





2. Morgan is 23 years old. Her grandfather is 4 times as old. How old is her grandfather?

SHOW YOUR WORK



Lesson 11
G:4 M:3


EXIT TICKET

Name: _____ Date: _____

Complete: Class: _____

1. Solve using the standard algorithm, the area model, the distributive property, or the partial products method.

$$2,809 \times 4$$

- 
2. The monthly school newspaper is 9 pages long. Mrs. Smith needs to print 675 copies. What will be the total number of pages printed?

SHOW YOUR WORK



Lesson 12
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

Use the RDW process to solve the following problem.

1. Jennifer has 256 beads. Stella has 3 times as many beads as Jennifer. Tiah has 104 more beads than Stella. How many beads does Tiah have?

SHOW YOUR WORK



Lesson 13
G:4 M:3

EXIT TICKET

Name: _____ Date: _____

Complete:

Class: _____

1. Solve using the RDW process.

- a. Michael earns \$9 per hour. He works 28 hours each week.
How much will he earn in 6 weeks?

SHOW YOUR WORK



Lesson 1
G:4 M:3

In 'n' Out

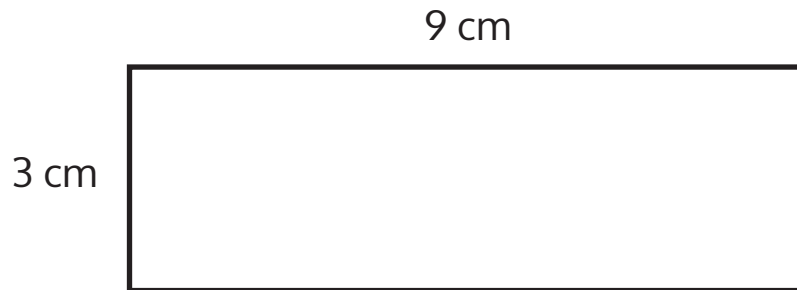
ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

1



P = _____

A = _____

P = _____

A = _____

P = _____

A = _____



Lesson 2
G:4 M:3

Dynamic Dimensions

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

1 A rectangle is 2 meters wide. It is 3 times as long as it is wide.

a. Draw a diagram of the rectangle and label its dimensions.



b. Find the perimeter and area of the rectangle

P = _____	A = _____
P = _____	A = _____
P = _____	A = _____



Lesson 3
G:4 M:3

As Long, As Wide

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

The projection screen in the school auditorium is 3 times as long and 3 times as wide as the screen in the library. The screen in the library is 3 meters long with a perimeter of 10 meters.

- 1** What is the perimeter of the screen in the auditorium?
What is the area of each screen?

DRAW

P = _____ P = _____

A = _____ A = _____



2

Compare the perimeter of the two screens.

Compare the area of the two screens.

PERIMETER

AREA

EXTRA WORKSPACE



Lesson 4
G:4 M:3

Leftward Ho

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

1 Use a simplifying strategy to solve 4×500 .

SHOW YOUR WORK

$$\begin{aligned} &4 \times 500 \\ &= 4 \times (5 \times \underline{\quad}) \\ &= (4 \times \underline{\quad}) \times 100 \\ &= 20 \times \underline{\quad} \\ &= (\underline{\quad} \times \underline{\quad}) \times 100 \\ &= 2 \times (\underline{\quad} \times \underline{\quad}) \\ &= 2 \times \underline{\quad} \\ &= \underline{\quad} \end{aligned}$$





3. Find the product.

a. 30×3	b. 8×20	c. 6×400	d. 2×900
e. 8×80	f. 30×4	g. 500×6	h. $8 \times 5,000$

4. Bonnie worked for 7 hours each day for 30 days. How many hours did she work altogether?

SHOW YOUR WORK



Lesson 8
G:4 M:3

Twice Is Nice

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

- 1** Represent the following expression with disks, regrouping as necessary. Solve using the place value chart, then record the partial products vertically.

$$3 \times 763$$

thousands	hundreds	tens	ones

x _____



Lesson 9
G:4 M:3

Twinsies!

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

- 1** Represent the following expression with disks, regrouping as necessary. Solve using the place value chart, then the algorithm.

6×162

hundreds	tens	ones

$$\begin{array}{r} \underline{\quad\quad} \\ \times \quad\quad \\ \hline \end{array}$$



Lesson 11 G:4 M:3	Area of Interest
	ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

1

A cafeteria makes 4,408 lunches each day.

How many lunches are made Monday through Friday?

SHOW YOUR WORK



Lesson 12
G:4 M:3

All for One, One for All

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

Class: _____

- 1** The Turner family uses 548 liters of water per day.
The Hill family uses 3 times as much water per day.

How much water does the Hill family use per week?

DRAW

SOLVE



2

The table shows the cost of party favors. Each party guest receives a bag with 1 balloon, 1 lollipop, and 1 bracelet.

What is the total cost for 9 guests?

Item	Cost
1 balloon	26 ¢
1 lollipop	14 ¢
1 bracelet	33 ¢

SOLVE



Lesson 13
G:4 M:3

These Times Are No Joke!

ZEARN STUDENT NOTES

Name: _____ Date: _____

Complete:

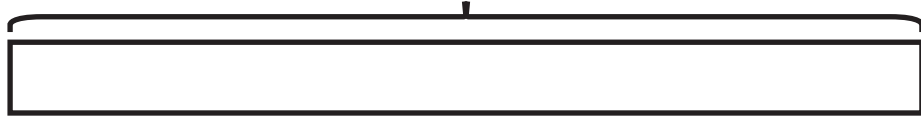
Class: _____

- 1** Over the summer, Kate earned \$180 each week for 7 weeks. Of that money, she spent \$375 on a new computer and \$137 on new clothes.

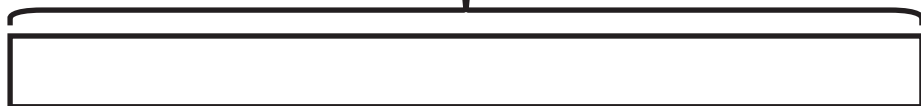
How much money did she have left?

DRAW

Earned



Spent



SOLVE

Kate had _____ left.



2

Three boxes weighing 128 pounds each and one box weighing 254 pounds were loaded onto the back of an empty truck. A crate of apples was then loaded onto the same truck.


If the total weight loaded onto the truck was 2,000 pounds, how much did the crate of apples weigh?

DRAW

SOLVE

The crate of apples weighed _____ pounds.





b. David earns \$8 per hour. He works 40 hours each week. How much will he earn in 6 weeks?

SHOW YOUR WORK

c. After 6 weeks, who earned more money? How much more money?

SHOW YOUR WORK

