



At Home Learning Resources

Grade 3 - Week 3

**LOWELL
PUBLIC SCHOOLS**

Grab and Go Meals

*Available for Lowell Public Schools Students
on Weekdays While School is Closed*

Bartlett (11-11:30am) 79 Wannalancit St.	Moody (12-12:30pm) 158 Rogers St.
Butler (12:45-1:30pm) 1140 Gorham St.	Murkland (12:45-1:15pm) 350 Adams St.
Greenhalge (10:30-11am) 149 Ennell St.	Pawtucketville (12-12:30pm) 425 West Meadow Rd.
Lincoln (1:30-2pm) 300 Chelmsford St.	Robinson (11:15-11:45am) 110 June St.
STEM Academy (Rogers)* 10:30am-1 pm 43 Highland St.	

*STEM meal service will
be available at back door
at the kitchen loading
dock area off South St.

ELA Grades 3 & 4 At Home Learning Choices

Weeks 2 & 3

You can continue the reading, writing, and vocabulary work from Week 1 OR continue online learning using tools like iReady, Lexia, Scholastic Learn OR complete the “Choose Your Own Adventure” Learning

“Choose Your Own Adventure”

This is a two week English Language Arts and Literacy exploration. Students will choose between 4 different options to pursue. Each option still requires daily reading. The goal of the project is for students to grow and increase their learning with a project of their choice. There are different levels of independence, as well as choices for how to share their learning. (This work is adapted from educator Pernille Ripp). Enjoy!

So what are the choices?

Choice	To Do
Choice 1: The Independent Reading Adventure On this adventure, you will choose a fiction chapter book to show how well you understand the text. Read and either write or record your answers to questions that show your deeper understanding of the text.	See instructions below for “The Independent Reading Adventure”
Choice 2: The Picture Book Read Aloud Adventure On this adventure, you will listen to a picture book being read aloud every day by lots of wonderful people. Then you will write or record a response to a specific question every day.	See instructions below for “The Picture Book Read Aloud Adventure”
Choice 3: The Learn Something New Adventure Ever wanted a chance to learn more about a new topic? Now is the chance. Come up with a learning plan, learn more about your topic, and then show your learning when you return to school or virtually.	See instructions below for “The Learn Something New Adventure”
Choice 4: The Graphic Novel Adventure Want a chance to explore graphic novel writing? Read a graphic novel and then write your own. Write each day and be ready to share some of your great work when you return to school or virtually.	See instructions below for “The Graphic Novel Adventure”

Choice 1: The Independent Reading Adventure

On this adventure, you will choose a fiction chapter book to show how well you understand the text. Read and either write or record your answers to questions that show your deeper understanding of the text.

Connect Four boxes vertically, horizontally, or diagonally. The four boxes you choose must be included in your recorded or written response.

Choose Your Own Adventure - The Independent Reading Adventure

Book: Grab a chapter book to do this, if you do not have one at your house you can use Audible to listen to one or Epic Books or Libby/Overdrive.

Choice in completion:

You can either type this out in a document: Google Doc, Word, Etc. OR record this in a video or audio-only format.

Details for Written Response

- Write a healthy response for each section that requires a written answer, meaning a long paragraph.
- Include the title, author, genre of your book on the paper.
- Choose 4 elements to complete from the grid that are connected - they can be connected vertically, diagonally, or horizontally.
- Do this by hand by printing it out or take a picture of it.

Required Details for Recorded Response

- Brainstorm what you want to say before you record.
- Make sure you name the book and the author in your recording.
- Make sure your response answers the questions fully.
- Choose 4 elements to complete from the grid that are connected - they can be connected vertically, diagonally, or horizontally.

Connect four boxes vertically, horizontally, or diagonally to select your other four required elements.

<p>Quotes: Copy down 3 meaningful quotes from the book and explain the meaning of each quote. Describe why it is important.</p>	<p>Character changes: How does your main character change throughout the story? Answer using evidence. Add two pictures or drawings that show what your character is thinking or doing.</p>	<p>Setting: Draw or describe a background that shows the setting of one or more important scenes for the characters.</p>	<p>Song: Find song lyrics that connect. Write the lyrics, including the song, artist, and a 2-3 sentence explanation of how the song related to the book.</p>
<p>Setting: Draw or describe a background that shows the setting of one or more important scenes for the characters.</p>	<p>Timeline: Create a timeline with 10 important events in the book. Each event must be a complete sentence.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the meaning of each quote. Describe why it is important.</p>	<p>Character changes: How does your main character change throughout the story? Answer using evidence. Add two pictures or drawings that show what your character is thinking or doing.</p>
<p>Lessons learned: Add images and/or words to show lessons your main character learns throughout the book. Write about what the lessons teach them. Does this teach you any lessons?</p>	<p>Setting: Draw or describe a background that shows the setting of one or more important scenes for the characters.</p>	<p>Character changes: How does your main character change throughout the story? Answer using evidence. Add two pictures or drawings that show what your character is thinking or doing.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the meaning of each quote. Describe why it is important.</p>
<p>Character changes: How does your main character change throughout the story? Answer using evidence. Add two pictures or drawings that show what your character is thinking or doing.</p>	<p>Quotes: Copy down 3 meaningful quotes from the book and explain the meaning of each quote. Describe why it is important.</p>	<p>Lessons learned: Add images and/or words to show lessons your main character learns throughout the book. Write about what the lessons teach them. Does this teach you any lessons?</p>	<p>Setting: Draw or describe a background that shows the setting of one or more important scenes for the characters.</p>

Choice 2: The Picture Book Read Aloud Adventure

On this adventure, you will listen to a picture book being read aloud every day by lots of wonderful people. Then you will write or record a response to a specific question every day.

Choose Your Own Adventure - Picture Book Read Alouds

Love picture books being read aloud? Me too! Here is your chance to listen to a different picture book being read aloud every day and analyze the book using the question asked each day.

Project requirement:

- Watch the video posted for each day in the table below.
- Respond either in writing or by posting a recording of your answer.

Choice in completion:

You can either type this out in a document: Google Doc, Word, etc. OR record this in a video or audio-only format

Details for Written Response

- Write a response for each question meaning a long paragraph.
- You should use evidence from the read aloud. You can use either a quote (stop the video to write it down) or write about a specific section of the picture book.
- Include the title and author of your book on the paper.

Details for Recorded Response

- Brainstorm what you want to say before you record.
- Make sure you name the book and the author in your recording.
- Start each recording by saying the question you are answering.
- Make sure your response answers the questions fully.

Day	Title of Picture Book	Video link	Questions to discuss
Day 1	Your Choice	Visit the LPS Virtual Read Aloud Page and choose a book to listen to. https://www.youtube.com/channel/UCMIqoXopDU-6yfq5pJIPRtg	What did the author want you to learn? How does the main character change throughout the story? How do you know?
Day 2	Each Kindness	https://www.youtube.com/watch?v=kj7Oc0ZoQjM	What is the lesson of <u>Each Kindness</u> ? How do you know?
Day 3	Your Choice	Visit the LPS Virtual Read Aloud Page and choose a book to listen to. https://www.youtube.com/channel/UCMIqoXopDU-6yfq5pJIPRtg	What did the author want you to learn? How does the main character change throughout the story? How do you know?
Day 4	The Bad Seed	https://www.youtube.com/watch?v=uqsGoiz-ufg&list=PLiYzMwyBPG96EDjV7MAohaCnXoQnqiBmG&index=20&t=0s	In the book, the people who surround our main character see a certain way - how do you think what others think about him changes his actions? How do you connect to this story?
Day 5	A Bad Case of the Stripes	https://www.youtube.com/watch?v=cKaQXmRvpvw	Why is Camilla worried? What does she learn? What can this teach you about your own life?
Day 6	Your Choice	Visit the LPS Virtual Read Aloud Page and choose a book to listen to. https://www.youtube.com/channel/UCMIqoXopDU-6yfq5pJIPRtg	What did the author want you to learn? How does the main character change throughout the story? How do you know?
Day 7	Wolfie the Bunny	https://www.youtube.com/watch?v=BiU0Z9P2E4s	What did Dot use as evidence for understanding Wolfie? How did her view influence how she viewed Wolfie? How does this relate to your own life?
Day 8	On the Day You Begin	https://www.readbrightly.com/brightly-storytime-the-day-you-begin/	How does our main character change throughout the story? How do you know? How does this story connect with your own life?
Day 9	The True Story of The Three Little Pigs	https://www.youtube.com/watch?v=1Q01X8JU3GU	How does hearing the story from the Wolf show us what we have missed? What happens to our understanding if we only see one side of the story?
Day 10	Your Choice	Visit the LPS Virtual Read Aloud Page and choose a book to listen to. https://www.youtube.com/channel/UCMIqoXopDU-6yfq5pJIPRtg	What did the author want you to learn? What language stood out to you? How does the main character change throughout the story? How do you know?

Choice 3: The Learn Something New Adventure

Ever wanted a chance to learn more about a new topic? Now is the chance. Come up with a learning plan, learn more about your topic, and then show your learning when you return to school or virtually.

Choose Your Own Adventure - The Learn Something New Project

Ever wanted a chance to learn more about a new topic? Now is the chance. Come up with a learning plan, learn more about your topic, and then show your learning when you return to school or virtually.

Project Requirements:

- Choose something you want to learn more about - remember your topic should be something you don't know much about and cannot find all of the answers in one place on Google. They will need learning from many sources or experiences to answer.
- Fill in the learning plan to show what you will be learning and how you will challenge yourself.
- Do the learning on your own or with your family.
- Create a product to showcase your learning - you have many choices of what to create.

Independence Expectations:

- This is a project that will require that you plan part of the project each day. You are not creating a day-to-day project, so you are expected to produce a larger final product to share your learning.
 - The topic you choose to learn more about can be one that you already know something about or one that you know very little about.
 - There should be NEW learning throughout, not just a summary of what you already know.
-

Details for End Product

- Your end product can take many forms: A podcast, a story, a presentation, a speech, or something else you imagine.
- Your end product should showcase new learning for you.
- Record where you learned your information - the name of the book, website, person.

Day	What is your plan for learning for this day?
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	

<p>What is your topic?</p>
<p>How much do you already know about this topic?</p> <p>----- Nothing</p> <p>----- Very little</p> <p>----- Some, but I can learn much more</p>
<p>How will this project challenge you?</p>
<p>What types of resources do you plan on using?</p>
<p>How will you know you have successfully learned something?</p>
<p>What do you plan on creating to show off your newfound knowledge? What is your end project idea?</p>

Choice 4: The Graphic Novel Adventure

Want a chance to explore graphic novel writing? Read a graphic novel and then write your own. Write each day and be ready to share some of your great work when you return to school or virtually.

Choose Your Own Adventure - Graphic Novel Writing

Project Requirements:

- Read a graphic novel or comics.
- Think about your own story that you could write as a graphic novel.
- Write two or more pages each day in words and in pictures.

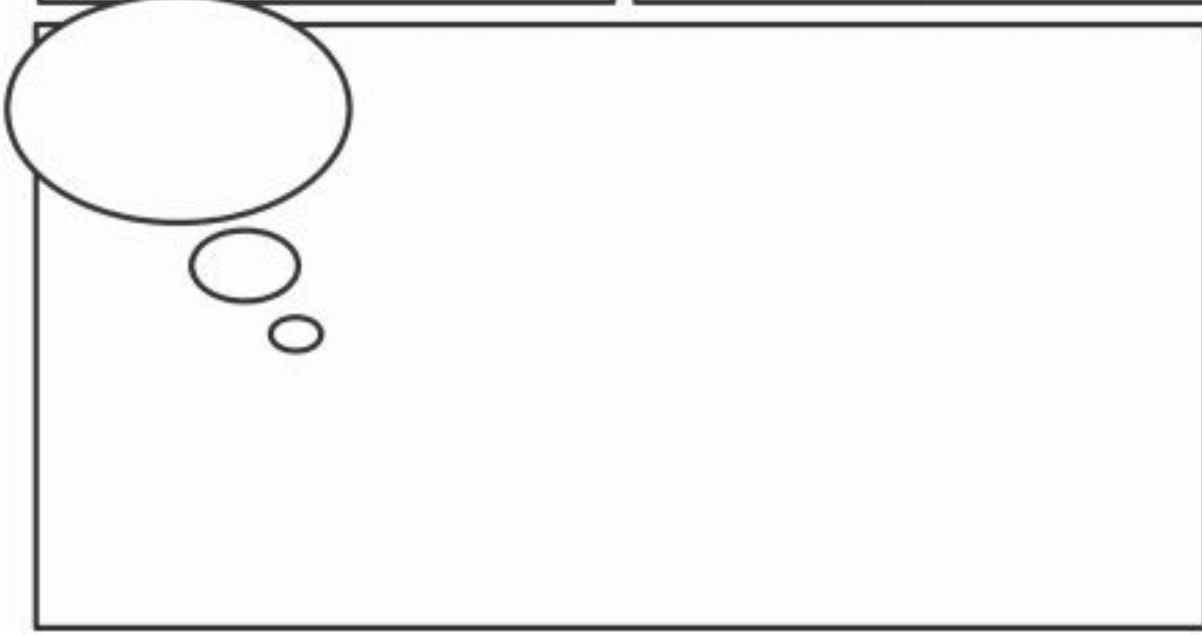
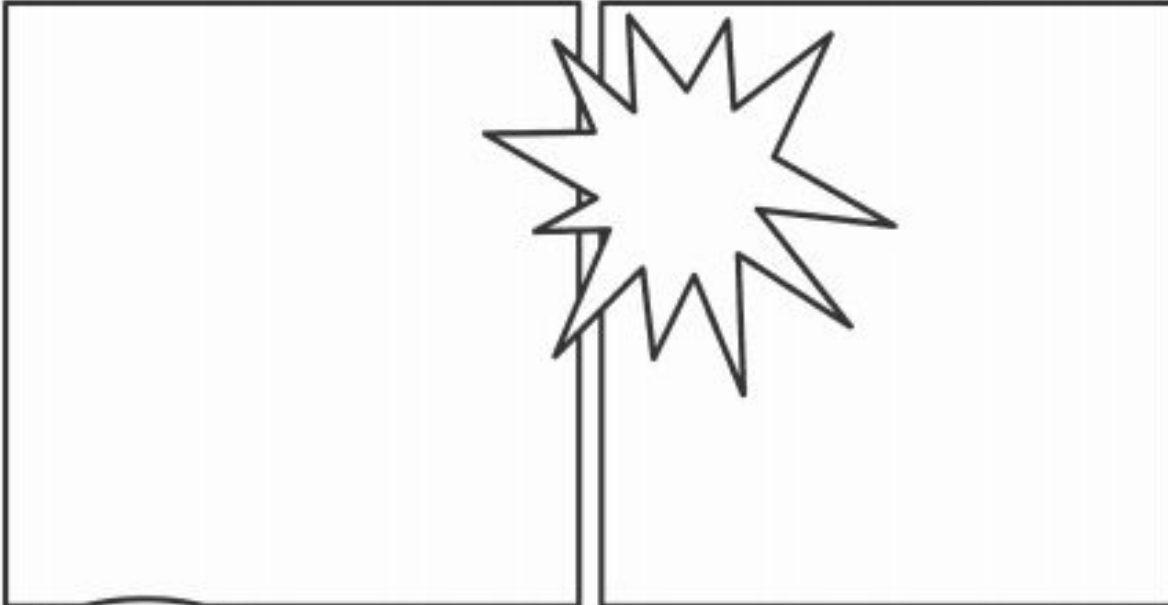
Independence Expectations:

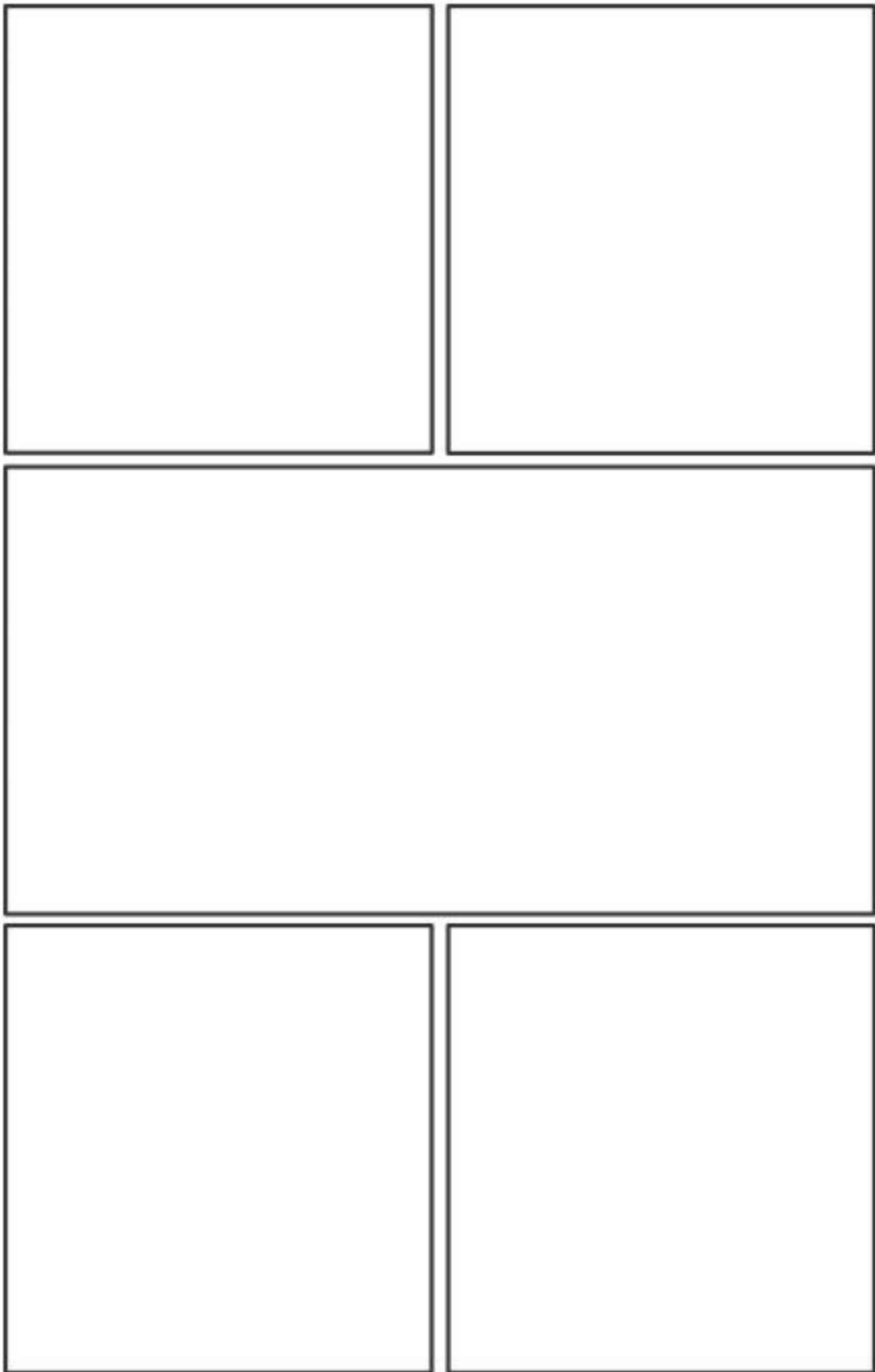
- This is a project that will require that you plan part of the project each day. You are not creating a day-to-day project, so you are expected to produce a larger final product to share your learning.
- The graphic novel you choose to read should be a new one and the writing should be a new story.
- You can draw the graphic novel by hand, use a template, or make one [online](#).

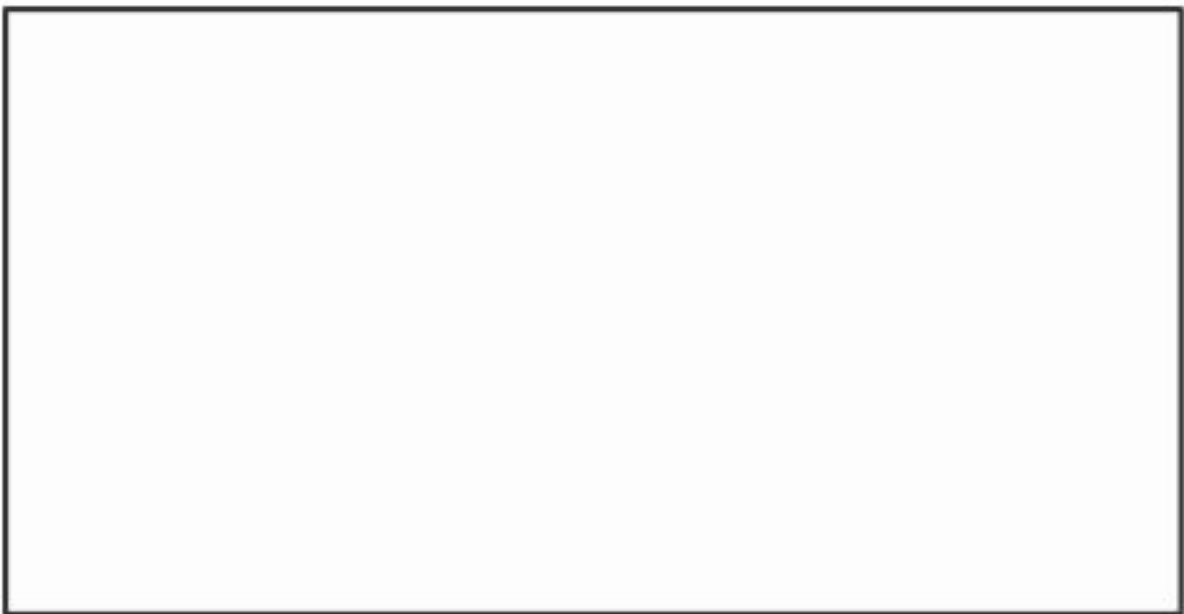
Day-by-Day Breakdown

Day	What is your plan for learning for this day?
Day 1	
Day 2	
Day 3	
Day 4	
Day 5	
Day 6	
Day 7	
Day 8	
Day 9	
Day 10	









Using Grouping to Multiply

Name: _____

**Draw parentheses around the numbers you want to multiply first.
Then find the product.**

1 $6 \times 3 \times 2$
 $6 \times (3 \times 2)$
 $6 \times 6 = 36$

Sample Student Work:
 $3 \times 2 = 6; 6 \times 6 = 36$

2 $4 \times 3 \times 3$

3 $5 \times 2 \times 8$

4 $8 \times 2 \times 4$

5 $2 \times 2 \times 7$

6 $6 \times 5 \times 2$

7 $3 \times 3 \times 7$

8 $2 \times 4 \times 5$

9 $7 \times 4 \times 2$

10 $6 \times 3 \times 3$

11 $3 \times 3 \times 10$

12 $2 \times 3 \times 4$

13 How did you decide which factors to group?

14 Choose one problem. Tell two ways you can group the factors. Then explain which way is easier for you to solve.

Using Order and Grouping to Multiply

Name: _____

Order and group the factors to show how you want to multiply. Then find the product.

1 $5 \times 7 \times 2$
 $5 \times 2 \times 7$
 $(5 \times 2) \times 7$
 $10 \times 7 = 70$

2 $3 \times 5 \times 3$

3 $4 \times 8 \times 2$

4 $2 \times 9 \times 5$

5 $2 \times 10 \times 5$

6 $2 \times 8 \times 2$

7 $3 \times 9 \times 3$

8 $5 \times 2 \times 6$

9 $4 \times 5 \times 2$

10 $2 \times 9 \times 2$

11 $3 \times 8 \times 2$

12 $4 \times 2 \times 7$

13 What strategies did you use to decide how to order and group the factors?

14 Why do you need to reorder factors in some problems?

Understanding of Division Models

Name: _____

- 1** Draw a model to show $12 \div 6$. Show 6 equal groups. How many are in each group?

There are 12 in all. There are 6 equal groups. There are _____ in each group.
 $12 \div 6 =$ _____

- 2** Draw a model to show $12 \div 6$. Show 6 in each group. How many groups are there?

There are 12 in all. There are 6 in each group. There are _____ groups.
 $12 \div 6 =$ _____

- 3** Draw an array to find $21 \div 3$.

- 4** Draw an array to find $20 \div 4$.

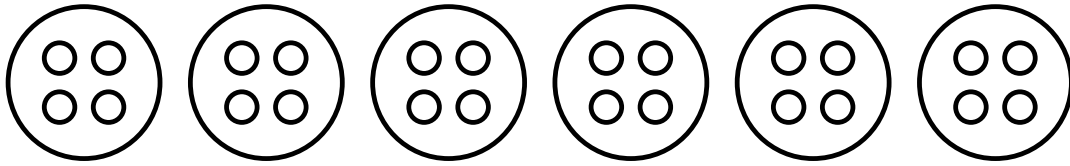
$$21 \div 3 = \underline{\hspace{2cm}}$$

$$20 \div 4 = \underline{\hspace{2cm}}$$

- 5** What situation could be modeled with the equation $40 \div 8 = 5$?

Understanding of How Multiplication and Division Are Connected

Name: _____



- 1** There are 24 marbles. Each bag has 4 marbles.

Write an equation that shows the number of bags.

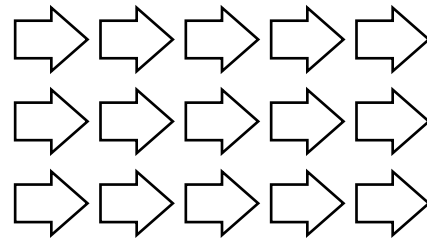
- 2** There are 24 marbles. An equal number of marbles are in 6 bags.

Write an equation that shows the number of marbles in each bag.

- 3** There are 6 bags of marbles. 4 marbles are in each bag.

Write two different equations that show the total number of marbles.

- 4** Write 2 multiplication equations and 2 division equations for this array.



Find the value of ? to complete each fact.

5 $6 \times ? = 48$

$48 \div 6 = ?$

$? =$ _____

6 $? \times 5 = 45$

$45 \div ? = 5$

$? =$ _____

7 $63 \div 9 = ?$

$? \times 9 = 63$

$? =$ _____

8 $32 \div ? = 8$

$8 \times ? = 32$

$? =$ _____

The answers are mixed up at the bottom of the page. Cross out the answers as you complete the problems.

1 $40 \div 4 =$ _____

2 $18 \div 3 =$ _____

3 $24 \div 4 =$ _____

4 $24 \div 8 =$ _____

5 $14 \div 2 =$ _____

6 $40 \div 8 =$ _____

7 $42 \div 7 =$ _____

8 $64 \div 8 =$ _____

9 $32 \div 8 =$ _____

10 $56 \div 8 =$ _____

11 $27 \div 9 =$ _____

12 $28 \div 7 =$ _____

13 $72 \div 8 =$ _____

14 $90 \div 9 =$ _____

15 $54 \div 9 =$ _____

16 $48 \div 8 =$ _____

17 $49 \div 7 =$ _____

18 $27 \div 3 =$ _____

Answers:

4	4	9	6	7	10
5	10	3	3	6	7
8	6	6	7	6	9

Using a Multiplication Table

Name: _____

×	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100

Write the missing numbers in the boxes to make each multiplication or division problem true.

$5 \times 7 = \square$

$32 \div 8 = \square$

$4 \times 7 = \square$

$27 \div \square = 9$

$\square \div 5 = 7$

$8 \times \square = 32$

$\square \div 4 = 7$

$9 \times \square = 27$

$4 \times 4 = \square$

$9 \times 6 = \square$

$6 \times 6 = \square$

$81 \div \square = 9$

$\square \div 4 = 4$

$54 \div \square = 6$

$63 \div \square = 9$

$40 \div 8 = \square$

$\square \div 8 = 6$

$56 \div \square = 8$

$45 \div 5 = \square$

$\square \div 7 = 7$

1 Write 3 possible answers for the equation $36 \div \square = \square$.

Solve. Look for patterns.

1 Subtract.

$10 - 1 = \underline{\hspace{2cm}}$

$20 - 1 = \underline{\hspace{2cm}}$

$30 - 1 = \underline{\hspace{2cm}}$

$100 - 1 = \underline{\hspace{2cm}}$

$200 - 1 = \underline{\hspace{2cm}}$

$300 - 1 = \underline{\hspace{2cm}}$

$200 - 100 = \underline{\hspace{2cm}}$

$300 - 100 = \underline{\hspace{2cm}}$

$400 - 100 = \underline{\hspace{2cm}}$

$200 - 101 = \underline{\hspace{2cm}}$

$300 - 101 = \underline{\hspace{2cm}}$

$400 - 101 = \underline{\hspace{2cm}}$

2 Multiply.

$2 \times 10 = \underline{\hspace{2cm}}$

$2 \times 9 = \underline{\hspace{2cm}}$

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

$3 \times 9 = \underline{\hspace{2cm}}$

$4 \times 10 = \underline{\hspace{2cm}}$

$4 \times 9 = \underline{\hspace{2cm}}$

$5 \times 10 = \underline{\hspace{2cm}}$

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

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

$6 \times 9 = \underline{\hspace{2cm}}$

$7 \times 10 = \underline{\hspace{2cm}}$

$7 \times 9 = \underline{\hspace{2cm}}$

$8 \times 10 = \underline{\hspace{2cm}}$

$8 \times 9 = \underline{\hspace{2cm}}$

$9 \times 10 = \underline{\hspace{2cm}}$

$9 \times 9 = \underline{\hspace{2cm}}$

3 Describe the patterns that you notice in the problems you just solved.

Read and solve each problem. Show your work.

- 1** Heather has 18 photographs of rockets. She wants to hang them on 3 different walls in her room. Each wall will have the same number of photographs. How many photographs will hang on each wall?

There will be _____ photographs on each wall.

- 2** There are 24 people who want to play volleyball. The coach divides the players into teams of 6. How many teams can she make?

The coach can make _____ teams.

- 3** At an art show, there are 7 groups of paintings with 6 paintings in each group. How many paintings are there in all?

There are _____ paintings.

- 4** Jasmine reads for 10 minutes each night. If she reads for 5 nights, how many minutes will she read in all?

Jasmine will read for _____ minutes.

- 5** Rhonda plants 28 tomato plants in her garden. She plants 7 tomato plants in each row. How many rows does she plant?

Rhonda plants _____ rows.

- 6** Mr. Jones buys 6 packages of pencils. There are 8 pencils in each package. How many pencils does Mr. Jones buy?

Mr. Jones buys _____ pencils.

- 7** Choose one problem. Describe the strategy you used to solve it.

Solving Problems About Arrays

Name: _____

Read and solve each problem. Show your work.

- 1** A parking lot has 6 rows of parking spaces. There are 5 spaces in each row. How many parking spaces are in the lot?

There are _____ parking spaces.

- 2** Jack has 36 toy robots. He wants to display 9 on each shelf in his room. How many shelves will Jack need to display all of the robots?

Jack will need _____ shelves.

- 3** There are 24 dancers. The teacher has them stand in 3 equal rows. How many dancers are in each row?

There are _____ dancers in each row.

- 4** Emily is putting away plates. She puts 6 plates each in 3 stacks. How many plates does she put away?

Emily puts away _____ plates.

- 5** A farmer picks 54 pumpkins. She places an equal number of pumpkins in 9 wagons. How many pumpkins are in each wagon?

There are _____ pumpkins in each wagon.

- 6** The school band marches in rows at the parade. There are 24 band members and they form rows with 4 members in each row. How many rows are there?

There are _____ rows.

- 7** Choose one problem. Describe and use a strategy to check your answer.

Read and solve each problem. Show your work.

- 1** Nya covers a rectangular tray with 1-square-inch tiles. She uses 42 tiles, arranged in 7 rows. How many tiles are in each row?

There are _____ tiles in each row.

- 3** Sara covers the top of a box with squares of paper that are 1 square centimeter. She uses 48 squares, with 6 squares in each row. How many rows did she make?

Sara made _____ rows.

- 5** A rectangular patio at an outdoor restaurant is made of 35 tiles. Each tile is 1 square yard. If there are 5 tiles in each row, how many rows are there?

There are _____ rows of tiles.

- 2** Jacob uses tiles to cover a rectangular hallway. Each tile has an area of 1 square foot. He uses 3 rows of tiles, with 8 tiles in each row. What is the area of the hallway?

The area of the hallway is _____ square feet.

- 4** There are 64 squares on Rasha's chessboard. Each square is 1 square inch. There are 8 rows of squares on her chessboard. How many squares are in each row?

There are _____ squares in each row.

- 6** Mr. Reilly uses square pieces of fabric that are each 1 square inch for a rectangular wall hanging. He uses 81 squares. If he makes 9 rows of squares, how many squares will be in each row?

There will be _____ squares in each row.

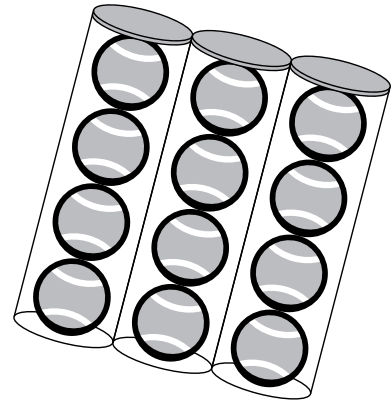
- 7** Choose one problem. Describe the strategy you used to solve it.

- 8** Explain why you chose that strategy to solve the problem.

WARM UP 23

Name: _____

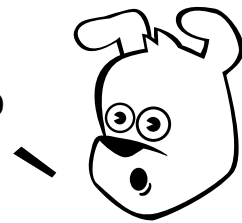
Ross bought 3 tubes of tennis balls. Each tube held 4 balls. How many tennis balls in all?



1. a. Cover up one tube of balls.
Write the number fact you see.

_____ x 2 = _____

How can you use 4×2 to help you figure out 4×3 ?



- b. Complete this sentence.

$4 \times 2 =$ _____ so $4 \times 3 =$ _____

2. Katie bought 3 cartons of bottled water.
Each carton held 8 bottles.
How many bottles in all?

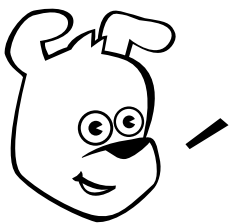
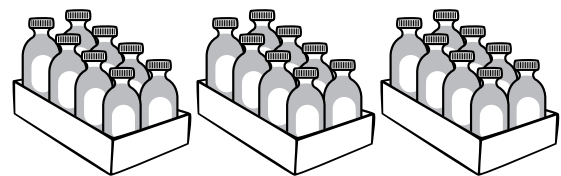


Figure out the number in two cartons to help you find the total.

Complete this sentence.

$8 \times 2 =$ _____ so $8 \times 3 =$ _____

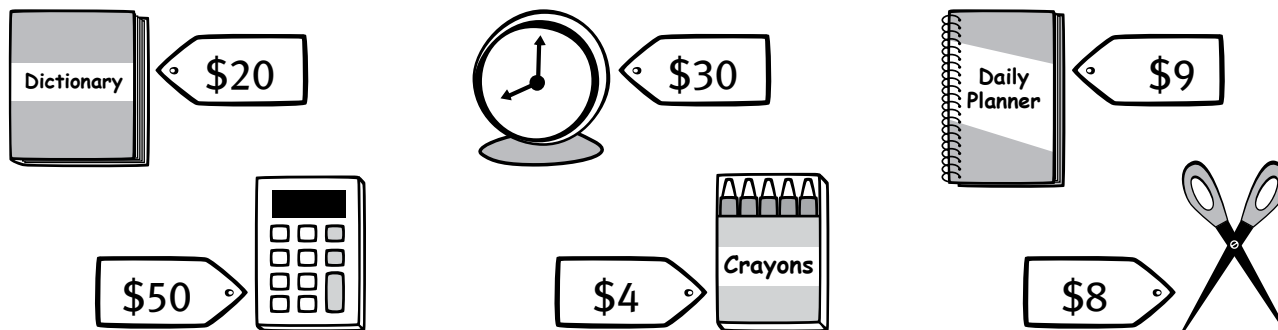
Name: _____

WORK OUT 23

1. Complete each of these. Use a double to help figure out the answer.

<p>a. $\boxed{6 \times 2 = \underline{\quad}}$ $\boxed{\text{so } 6 \times 3 = \underline{\quad}}$</p>	<p>b. $\boxed{\quad \times 2 = \underline{\quad}}$ $\boxed{\text{so } 5 \times 3 = \underline{\quad}}$</p>	<p>c. $\boxed{\quad \times 2 = \underline{\quad}}$ $\boxed{\text{so } 7 \times 3 = \underline{\quad}}$</p>
<p>d. $\boxed{\quad \times 2 = \underline{\quad}}$ $\boxed{\text{so } 40 \times 3 = \underline{\quad}}$</p>	<p>e. $\boxed{\quad \times 2 = \underline{\quad}}$ $\boxed{\text{so } 60 \times 3 = \underline{\quad}}$</p>	<p>f. $\boxed{\quad \times 2 = \underline{\quad}}$ $\boxed{\text{so } 50 \times 3 = \underline{\quad}}$</p>

2. Look at these pictures.



Suppose you bought 3 of each. How much would you spend?

- | | |
|--|--|
| a. scissors $\underline{\quad} \times 3 = \underline{\quad}$ | b. crayons $\underline{\quad} \times 3 = \underline{\quad}$ |
| c. dictionary $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | d. clock $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |
| e. planner $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ | f. calculator $\underline{\quad} \times \underline{\quad} = \underline{\quad}$ |

3. Write two other number sentences you could solve using this method.

- | | |
|---|---|
| a. $\underline{\quad} \times 3 = \underline{\quad}$ | b. $\underline{\quad} \times 3 = \underline{\quad}$ |
|---|---|

100 Chart

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	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	75	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Multiplication Table

X	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	1	2	3	4	5	6	7	8	9	10
2	0	2	4	6	8	10	12	14	16	18	20
3	0	3	6	9	12	15	18	21	24	27	30
4	0	4	8	12	16	20	24	28	32	36	40
5	0	5	10	15	20	25	30	35	40	45	50
6	0	6	12	18	24	30	36	42	48	54	60
7	0	7	14	21	28	35	42	49	56	63	70
8	0	8	16	24	32	40	48	56	64	72	80
9	0	9	18	27	36	45	54	63	72	81	90
10	0	10	20	30	40	50	60	70	80	90	100

Grade 3 Science - Explore Balanced and Unbalanced Forces with Yoga

For something to remain balanced, all the forces being applied to it must be equal. In a yoga pose, the force of gravity is trying to pull you down. Try these yoga poses to feel the force you must apply using the muscles of your body to equal the force of gravity. When the forces are equal, you'll be balanced!

Explore balance with yoga poses:

Tiger Pose: On a rug kneel on your hands and knees with your hands slightly in front of your shoulders and your knees under your hips. Inhale, and lift your right arm out in front of you. Exhale, and lift your left leg out behind you, pretending it's a tail. Now you're a long, brave tiger. Try to maintain your balance while you swish your tail from side to side. Play here for 3 breaths, then try the other side.

Plank Pose: Kneel on your hands and knees. Shift your hands and body forward. Lower your hips so your body is in a straight line. Curl your toes under, take a deep breath lift with your belly and straighten your legs. Can you lift one leg a couple of inches and balance. Take a deep breath lower leg and try the other side.

Boat Pose: Sit on the rug tall, bend your knees, feet on the ground. Lean back put your arms behind your back and point your toes. Are you strong enough to leave the land? Take a deep breath and on an exhale lift your legs. Can you float on the water like a boat? Stretch out your arms and balance. Breath for two breaths.

Mountain Pose: Standing with your feet under your hips, hands by your sides. Inhale and sweep your arms up overhead, with the palms of your hands facing one another. Exhale and sweep your arms back down by your sides as you fold forward at your hips and draw your chest toward your knees. Stay in this forward fold for one deep breath, roll back up to Mountain Pose, then repeat 4 more times. Finish in Mountain Pose.

Tree Pose: From mountain pose with both of your feet planted firmly on the floor. Press your palms together at your heart, and move your weight into your right foot, keeping a slight bend in your knee. Place the bottom of your left foot just below or above your right knee. Press your right foot into the ground, like your body is a tree—your foot growing roots deep into the earth. Now, reach the top of your head toward the sky, and grow your tree tall and balanced.

Dancer Pose: Stand tall in mountain pose. Bend your knee toward your buttocks. Hold your right ankle with your right hand and lift the opposite are. Bend forward as you press your legs up and back. Take a deep breath. Arch, lift and extend your arm and leg. If you lose your balance try again and don't forget the other side.

Airplane Pose: Stand tall in mountain pose. Take a deep breath and stretch one leg back. Tip forward your torso as one leg lifts until you are parallel with the floor. Spread both arms like wings. Take a deep breath. How long can you stay balanced? Try the other side.

BARTERING AND TRADING

WHAT IS BARTERING AND TRADING?

Bartering and trading have been around for over 5,000 years! People could get



what they needed while getting rid of things they had too much of by bartering and trading with other people.

DRAW A RESPONSE TO THE TEXT AND PICTURE.

©LaNesha Tabb and Naomi O'Brien

- CIRCLE THE WORD BARTERING
- UNDERLINE THE WORD TRADING
- PUT A BOX AROUND THE WORD NEEDED

BARTERING AND TRADING

WHAT IS BARTERING AND TRADING?

Bartering is simply trading one resource or service for another resource or service. No money is involved in bartering. Can you



think of a toy you could trade for another one?

DRAW A RESPONSE TO THE TEXT AND PICTURE.

©LaNesha Tabb and Naomi O'Brien

- CIRCLE THE WORD BARTERING
- UNDERLINE THE WORD RESOURCE
- PUT A BOX AROUND THE WORD MONEY

BARTERING AND TRADING

WHAT IS BARTERING AND TRADING?

Trading is the exchange for services or goods. You can trade a good or service for



money. When you buy something you trade your money for the thing you want. What do you trade your money for?

DRAW A RESPONSE TO THE TEXT AND PICTURE.

©LaNesha Tabb and Naomi O'Brien

- CIRCLE THE WORD TRADING
- UNDERLINE THE WORD GOOD
- PUT A BOX AROUND THE WORD MONEY

Today's Breakfast

My name is _____

What did you eat for breakfast today?

1. I ate cereal.
2. I ate _____.
3. I _____.
4. I _____.
5. I _____.
6. I _____.
7. I _____.
8. I _____.

What did you drink for breakfast today?

1. I drank coffee.
2. I drank _____.
3. I _____.
4. I _____.

fish an egg cereal tea toast
an apple juice a sausage water
hotcakes rice coffee

