

# 3<sup>rd</sup> Grade

## Week #4 Packet



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**I Know**



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# Week 4 Checklist

## July 6-9, 2020

<b>Monday</b>	<input type="checkbox"/> Independent Reading for Reading Log <input type="checkbox"/> Multiplication representations - 8s <input type="checkbox"/> Reading Escape Room
<b>Tuesday</b>	<input type="checkbox"/> Independent Reading for Reading Log <input type="checkbox"/> Multiplication flowers puzzle - 8s <input type="checkbox"/> <i>"Nana and Poppi"</i> Reading Selection
<b>Wednesday</b>	<input type="checkbox"/> Independent Reading for Reading Log <input type="checkbox"/> Cootie catcher - 8s <input type="checkbox"/> Chameleon and Narwhal Main Idea Practice
<b>Thursday</b>	<input type="checkbox"/> Independent Reading for Reading Log <input type="checkbox"/> Math color sheet - 6,7,8,9s <input type="checkbox"/> Art Focus on claude Monet Biography Vocabulary Word Search Japanese Bridge Art Page  <input type="checkbox"/> Science: Complete the Sound Spinner STEM Activity STEAM Challenge Data & Results



# Reading Log



NAME: \_\_\_\_\_ WEEK OF \_\_\_\_\_

My weekly goal is to read for \_\_\_\_\_ minutes.

Day of the Week	TITLE AND AUTHOR	YOUR THOUGHTS ABOUT THE STORY OR SUMMARY OF THE STORY	MIN. READ
MON.		<hr/> <hr/> <hr/> <hr/>	
TUES.		<hr/> <hr/> <hr/> <hr/>	
WED.		<hr/> <hr/> <hr/> <hr/>	
THURS.		<hr/> <hr/> <hr/> <hr/>	
FRI.		<hr/> <hr/> <hr/> <hr/>	

ADULT SIGNATURE: \_\_\_\_\_

TOTAL MINUTES READ: \_\_\_\_\_

Possible Sentence Starters:

"This book was about..."

"I like/don't like this story because..."

"This story reminded me of..."

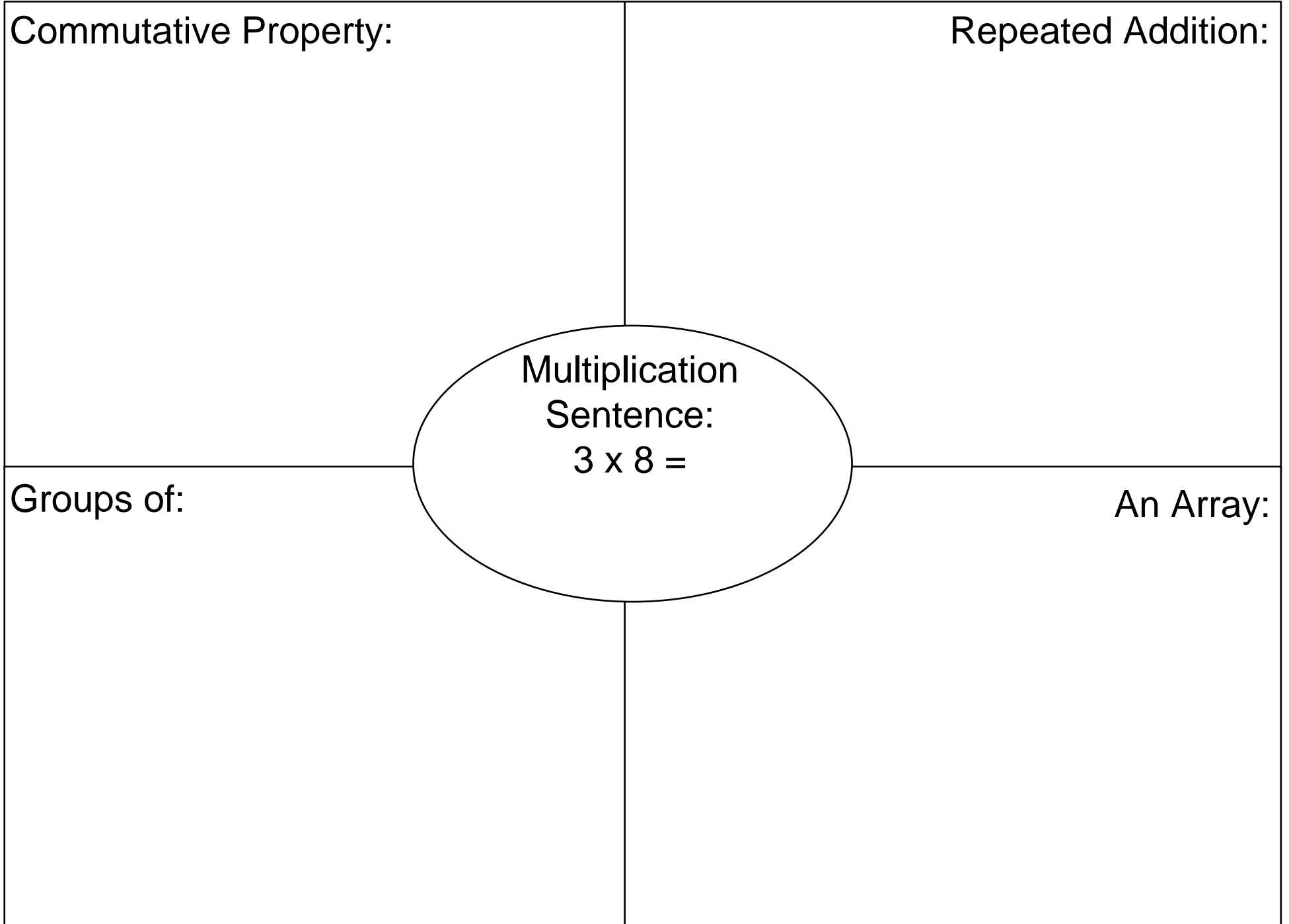
"I loved the part when..."

"I enjoyed the story because..."

"I wonder..."

"One question I have is..."

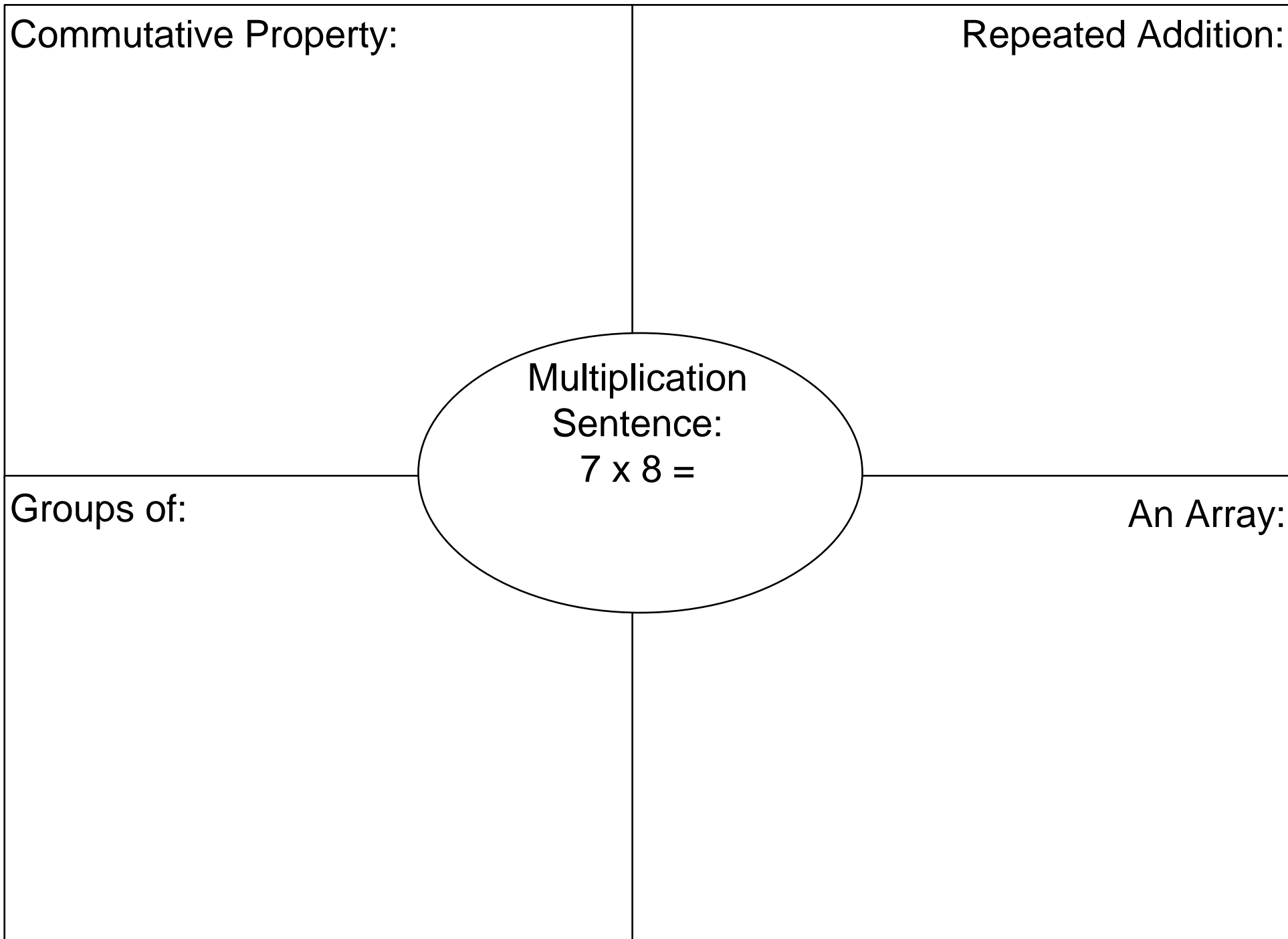
# Multiplication Representation Model



# Multiplication Representation Model



# Multiplication Representation Model



# Multiplication Representation Model

Commutative Property:

Repeated Addition:

Groups of:

An Array:

Multiplication  
Sentence:  
 $6 \times 8 =$

# READING #4

## TUTANKHAMUN

"King Tut," perhaps the most famous Egyptian pharaoh, ruled from the age of 10 after his father Akhenaten. Tutankhamun was unpopular with the people because he wanted to worship only one god, the sun god Aten. He relocated the capital of Egypt back to Thebes.

King Tut is most famous for his tomb that had everything still inside and untouched.

## CLEOPATRA

Cleopatra was the last pharaoh of Egypt as part of the Ptolemy Dynasty established by Alexander the Great. Cleopatra took control after her father died when she was 18 years old. Eventually, her younger brother Ptolemy III forced Cleopatra from the palace and took over as pharaoh. However, she snuck back into the palace hidden in a carpet to meet up with Julius Caesar in 48 BC. Caesar had defeated Ptolemy III's army and Ptolemy III drowned while escaping. Cleopatra came back into power and fell in love with Julius Caesar.

# QUESTIONS

9. What age did King Tut begin to rule?

- A. 8
- B. 10
- C. 12
- D. 14

10. Who did Cleopatra fall in love with?

- A. King Tut
- B. Ramses II
- C. Julius Caesar
- D. None of the above

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# CLUE #4

King Tut's tomb...

--	--	--

32 41 11

--	--	--	--

52 43 34 24

--	--	--	--	--	--	--	--

51 32 41 53 21 31 24 54



# DECODER #4

GO  FIRST, THEN GO 

	1	2	3	4	5
1	D	B	E	A	C
2	K	G	H	I/	F
				J	
3	L	P	N	O	M
4	T	R	U	Q	S
5	Y	Z	X	V	W

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# FINAL CODE

Use the answers found in the completed puzzles to determine the final code!

The number found in  
Puzzle #1 MINUS 30.

The number found in  
Puzzle #2.

The number found in  
Puzzle #3 MINUS 65.

The number found in  
Puzzle #4.

FINAL 4 DIGIT CODE:

<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
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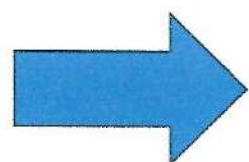
# HOW TO DO PUZZLE #4

A Polybius cipher, or Polybius Square, consists of replacing each letter of the alphabet by its coordinates, or position, on a grid (usually a square).

Each letter is represented by TWO numbers. The first number indicates the number across the top (**RIGHT**). The second number indicates the number on the left column (**DOWN**).

Example # 1: The letter "C" would be 51. Go across the top to the 5, then down 1.

Example # 2: The letter "R" would be represented by the number 24. Go across the top to 2 and down to the 4.



THEN



	1	2	3	4	5
1	D	B	E	A	C
2	K	G	H	I/	F
3	L	P	N	O	M
4	T	R	U	Q	S
5	Y	Z	X	V	W



# **Secret Multiplication Word Puzzle** **Flowers - Eights**

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

INSTRUCTIONS: Multiply each number. Then match the answer to the letter in the Secret Message alphabet key. Write the letter on the blank above the problem number.

1 $\begin{array}{r} 8 \\ \times 2 \\ \hline \end{array}$	2 $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	3 $\begin{array}{r} 8 \\ \times 4 \\ \hline \end{array}$	4 $\begin{array}{r} 6 \\ \times 8 \\ \hline \end{array}$	5 $\begin{array}{r} 1 \\ \times 8 \\ \hline \end{array}$
6 $\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$	7 $\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$	8 $\begin{array}{r} 8 \\ \times 9 \\ \hline \end{array}$	9 $\begin{array}{r} 8 \\ \times 0 \\ \hline \end{array}$	10 $\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$
11 $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$	12 $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$	13 $\begin{array}{r} 7 \\ \times 8 \\ \hline \end{array}$	14 $\begin{array}{r} 8 \\ \times 6 \\ \hline \end{array}$	15 $\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$
16 $\begin{array}{r} 0 \\ \times 8 \\ \hline \end{array}$	17 $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$	18 $\begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$	19 $\begin{array}{r} 8 \\ \times 1 \\ \hline \end{array}$	20 $\begin{array}{r} 8 \\ \times 5 \\ \hline \end{array}$

8   13   11   14   8   16

17   8   19   6   15   10   16   3

Secret Message Alphabet Key											
A= 72	B= 6	C= 54	D= 32	E= 14	F= 42	G= 16	H= 18	I= 40	J= 4	K= 35	L= 0
N= 56	O= 24	P= 21	Q= 12	R= 8	S= 20	T= 27	U= 48	V= 81	W= 36	X= 3	Y= 10
										Z= 5	



Read the story. Answer the questions.

### Nana and Poppi

My name is Anthony, and I'm Italian. Last summer, my dad took me to Brooklyn, New York to meet his grandparents. They had come from Italy to the United States for a long visit. I was a little nervous about meeting these strangers who had come thousands of miles. "Will Nana and Poppi speak English?" I asked.



"Not very well," my dad said. "They know a few words, but they speak mostly Italian. The important thing is that they want to meet you. I've told them so much about you."

We went through the door of a big apartment building. "Nana and Poppi are staying with my cousin on the sixth floor," explained Dad, "so we have to take the elevator."

We got off on the sixth floor and rang the buzzer of apartment 612. An older man answered. "Poppi!" Dad cried as he hugged him. "Anthony, this is your great-grandfather Alfredo, but you may call him Poppi." I shook hands politely with Poppi and said, "Hello." He said, "Buongiorno," and motioned for me to come inside. Then he walked slowly to a couch and sat down.

Inside the apartment, Dad walked over to kiss and hug an older woman sitting in an armchair. *She was wearing a long, black dress. She must be my great-grandmother,* I thought. When I said hello, she smiled and said something in Italian to my dad. They both laughed, and then I didn't know what to do.

"Come with me, Anthony," Dad whispered.

"Where are we going?" I whispered back.

"Come see what Nana made today." Dad pointed to a kitchen counter and said, "Nana said she made these just for you. I told her how much you love cannolis. This is her own secret cannoli recipe. See what you think." As I bit into one of the light, gooey pastries, I could taste the love that Nana had baked right into it.

"These are the best cannolis I've ever tasted!" I said, my mouth full. "Nana makes the best cannolis ever!"

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1. What is this story mostly about?

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2. What are some details that tell you about Poppi?  
Underline them.

3. What are two details that tell you about Nana?

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4. Underline the sentence below that tells the main idea of this story.

Cannolis are a kind of Italian dessert.

Family members can show love in many ways.

Families can live in apartments or houses.



**Home Activity** Your child identified main idea and details in a story. Have your child recall something that happened to him or her recently and tell a story about it. Remind your child to add interesting details.



# Multiplication

**X8**

Gold	1	$8 \times 4 =$	8	White
2	$8 \times 3 =$	$8 \times 9 =$	7	$8 \times 6 =$
3	$8 \times 10 =$	$8 \times 7 =$	9	$8 \times 8 =$
Black	4	$8 \times 5 =$	5	Silver

## Name

- ☐ Chameleons become darker when they are cold.
- ☐ Chameleons can change their skin color within 20 seconds.
- ☐ When chameleons are happy, they become very bright.
- ☐ Chameleons cycle through many colors every day.
- ☐ Chameleons change colors depending on their moods.

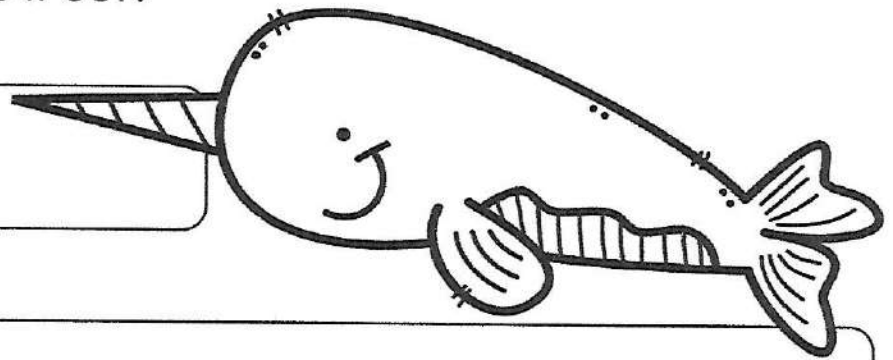


# NARWHAL

Name \_\_\_\_\_

Narwhals, also known as sea unicorns, are a medium-sized whale that lives up near the arctic circle. The one thing that sets narwhals apart from other whales is its unique "unicorn horn" tusk. One interesting thing about this long "horn" is that it is actually a giant tooth! Narwhals only have two front teeth. While the front right tooth stays small, the left tooth grows so big that it comes out from the upper lip and appears to be a giant horn. This tooth can grow up to 10 feet long! Second, it is usually only the male narwhals that have this massive tusk. Although about 15% of females grow a tusk, most look more like grayish-brown beluga whales. Perhaps the most interesting thing about the tusk though, is that after much research, we are still not quite sure what narwhals use this long tooth for. Maybe one day you will be the one to figure it out?

**Topic:**



**Main Idea:**

**Detail 1:**

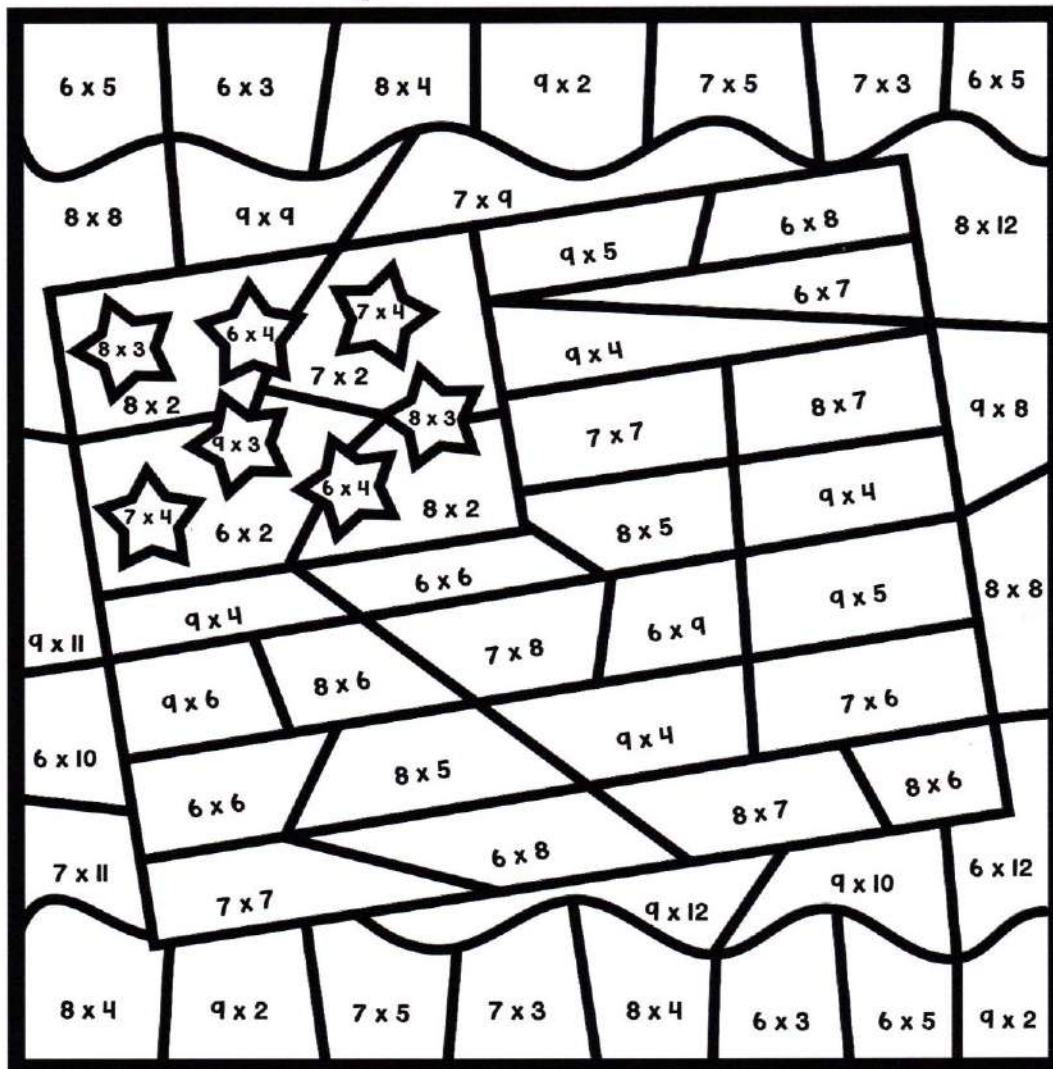
**Detail 2:**

**Detail 3:**



6\*, 7\*, 8\*, 9\*

## Multiplication Facts

**PRODUCT COLOR CODE**

Product = 0 to 16 Blue	Product = 29 to 35 Green	Product = 57 to 108 Purple
Product = 17 to 21 Orange	Product = 36 to 42 White	
Product = 22 to 28 Yellow	Product = 43 to 56 Red	

# Who Is Claude Monet?

Claude Monet was born on November 15, 1840 in Paris, France. As a child he loved to draw pictures of people. He was very good at drawing.

When he was eleven he entered a school for the arts. His mother always supported Claude. His father wanted him to take over the family grocery business instead of being an artist. He liked to paint outdoors with his new school friends using oil paints.

When he was older he had to leave art school to join the army. He became very sick in the army and had to return home after a few years. He started to paint again.

Claude continued to paint outdoor scenes called landscapes. Some of his paintings were very large. He painted in a new style called Impressionism. These paintings gave viewers an "impression" of something, how the artist saw things.

When Claude got older he moved with his wife to Giverny. Here he painted scenes from the garden and a series of paintings of water lilies. These paintings are his most famous paintings.

At the top of his career Monet was considered the best artist in France. He invented Impressionism and many other artists copied his new style. He is still considered one of the best French artists of all time.



Name \_\_\_\_\_

# VOCABULARY MATCHING

Draw a line from the word to the definition

artist

a type of flower

water lilies

a style of painting

impressionism

art created with  
brushes and paint

painting

pictures of scenes in  
nature

landscapes

a creative person who  
draws or paints



Name \_\_\_\_\_

# WORD SEARCH

A	R	T	I	S	T	O	G	I
H	E	G	A	R	D	E	N	M
K	P	I	Z	C	X	V	N	P
P	A	V	A	B	N	L	N	R
U	R	E	O	F	M	LK	A	E
I	I	R	C	A	N	V	A	S
S	S	N	E	M	Y	E	R	S
C	H	Y	R	O	F	Y	T	I
T	L	Y	T	U	Q	B	P	O
R	P	U	I	S	W	G	M	N
L	A	N	D	S	C	A	P	E



artist  
landscape  
garden  
Paris  
impression

painting  
museum  
Giverny  
canvas  
famous







# Sound Spinners

Study vibrations in airwaves by making a spinning noisemaker.

**Estimated Project Time:** 30 minutes

## Materials:

Index cards  
Markers or crayons  
Craft sticks  
Rubber band  
Craft foam  
Tape  
Scissors  
String

## Instructions:

1. Decorate and color index cards as desired and tape one card to each side of the craft stick.
2. Cut two strips of craft foam, 4 inches long by  $\frac{1}{2}$  inch wide. Fold strips in half & tape around each end of the craft stick.
3. Stretch rubber band around the length of the craft stick.
4. Cut a length of the string  $\frac{3}{4}$  the length of your arm. Tie the string to the craft stick, slipping it under the rubber band.
5. Grasp the end of the string and spin the noise maker as fast as you can!

## Project Extensions:

- ★ What happens if you spin it in different directions, or use different lengths of string?
- ★ Spin art is another unique art & science project.

# STEM CHALLENGE

DATA &  
RESULTS

TODAY MY CHALLENGE IS:

WHAT PROBLEM DO I NEED TO SOLVE?

WHAT SUPPLIES WILL I USE?

WHAT IS MY PLAN?

WHAT WORKED FOR ME?

WHAT DID NOT WORK FOR ME ?

# STEM CHALLENGE DATA & RESULTS

TODAY MY CHALLENGE IS:

THIS IS WHAT MY FINAL PROJECT LOOKS LIKE.

WHAT DID I LEARN?

WHAT CAN I CONCLUDE ABOUT MY STEM CHALLENGE?