FREMONT
PUBLIC SCHOOLS

2nd Grade Home Resource Packet- Session 2 - 5/4/2020 - 5/15/2020

Hello Pathfinder families,

This is the packet for Second Grade for the weeks of May 4, 2020 to May 15, 2020. Each student should spend approximately one hour per day on these activities and specials teachers will be providing activities for students as well. Included in your packet is a daily schedule for all subjects, but feel free to complete assignments as it fits into your schedule.

Please send pictures of the pages completed by your child to their teacher through email, Class DoJo, or text; we need to document student progress and completion. Although supplemental enrichment activities are not mandatory, we are encouraging students to check out our Sensational Second Grader's Facebook page and continue to practice reading and math activities on IXL, and continue to read books for pleasure.

If you have any questions, please contact your child's teacher through email or contact them during their office hours.

Second Grade Office Hours:

Mr. Karnemaat (231) 924-3146	Tuesday 9:00-11:00, Thursday 5:00-7:00
Mr. Parker (231) 292-2641	Tuesday 9:00-11:00, Thursday 5:00-7:00
Mrs. Nestle (231) 519-0401	Tuesday 9:00-11:00; Thursday 4:00- 6:00
Mr. Schulz (231) 730-0765	Tuesday and Thursday 4:00 - 6:00
Mrs. Voyt (616) 439-0971	Tuesday 9:30 - 11:30, Thurs. 2 - 3, & 6 - 7
Mrs. Kessler (231) 335-3028	Tuesday 10:00-12:00, Friday 5:00-7:00
Mrs. Chandonnet (231) 923-8709	Monday 12:00 - 2:00, Thursday 3:00 -5:00

Math

This section consists of two weeks of activities for math. This is an optional schedule. Feel free to work ahead or pick and choose your activity for the day. There are also google slides printed out that follow the lessons on May 4th and 5th. The videos are available at the following links:

May 4th: https://youtu.be/HyVcnDJss3k & https://youtu.be/VKJZhJxULII
May 5th: https://youtu.be/tLZOJsplFe8

May 4 **Activity: Folding squares into equal parts** Link:https://youtu.be/VKJZhJxULII **Review Words to Know:** Equal Shares, halves, thirds, quarters, partitioning,	May 5 **Activity: Dividing a Pizza into eight equal parts** Link:https://youtu.be/tLZOJsplFe8	May 6 **Activity: Pizza Fractions** Play Roll It, Find It, Cover It.	May 7 **Activity: Base 10 Fractions and Roll & Color a Fraction** Take turns with a parent or sibling. Play Roll It, Find It, Cover It.	May 8 **Activity: Draw & Color a Fraction** Play Roll It, Find It, Cover It.
May 11 **Activity: Fraction Cookies**	May 12 **Activity: Let's Share!** Now find some objects to share with someone at home. Name the fractional part that you have & your partner has.	May 13 **Activity: Fraction Word Problems** 	May 14 **Activity: M & M Fractions**	May 15 **Activity: Review of Time and Money**

Remember, look for the camera and cell phone image and take a picture of the completed papers with the image at the bottom of the paper and submit them to your classroom teacher.

Instructional page for reference.

Fractions:

Equal parts of a whole.

$\frac{1}{2}$

By: _____

Numerator:

Tells how many equal parts are being described.

$\frac{1}{2}$

Color the numerator.

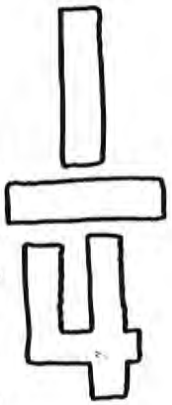
Circle the numerator in each set below.

$\frac{2}{4}$	$\frac{1}{3}$	$\frac{3}{5}$

Denominator:

Tells how many equal parts are in a whole or set.

Circle the denominator in each set below.

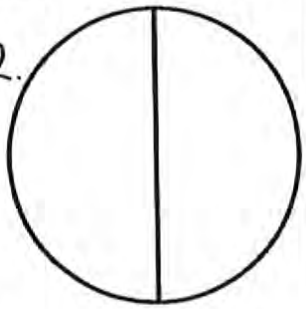


Color the denominator.

$\frac{2}{4}$	$\frac{1}{3}$	$\frac{3}{5}$

Color 1 out of 2.

$\frac{1}{2}$

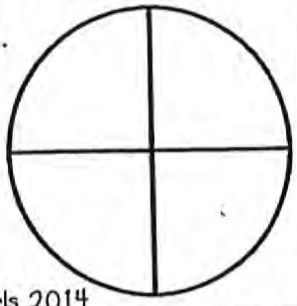


Color 1 out of 3.

$\frac{1}{3}$

Color 1 out of 4.

$\frac{1}{4}$



© Annie Moffatt @ The Moffatt Girls 2014

The squares are for the folding activity for Monday, May 4th. Please cut them out and have them ready before opening the link or following the directions on the slides.

2 equal shares - sandwich	3 equal shares
4 equal shares	4 equal shares
4 equal shares	

May 4th

Partitioning

Equal Groups and Fractions
2.G.3

Learning Target & Words to Know

I can partition circles and rectangles into equal shares and describe them using the words *halves, thirds, fourths, half of, a third of, a fourth of* and describe the whole as *two halves, three thirds, four fourths.*

Words to Know:

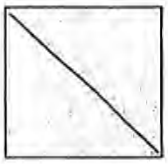
Partition: To divide into parts.

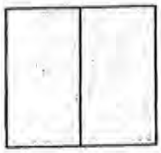
Equal Shares: All pieces are the same size.

May 4th

How can you share a sandwich equally with one other person?

1. Cut out one of the squares from your packet. If you do not have a packet, make a square out of a piece of paper.
2. Imagine that the square is a sandwich. Show how you could fold the paper to make the sandwich into two equal size pieces.





Two Equal Shares

1. How could you name one child's share? (one-half, 1-half, 1 out of two equal parts)

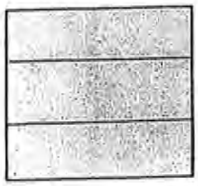
2. How could you name both shares together? (two-halves, 2-halves, 2 out of 2 equal parts, one whole)

May 4th

Three Equal Shares

1. Cut out another square.
2. Try and fold the paper so it creates three equal shares.

After folding, your paper should have lines similar to these:



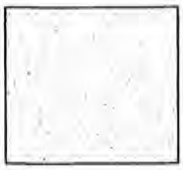
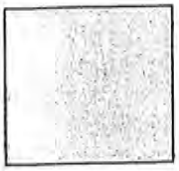
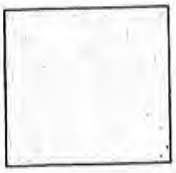
Three Equal Shares

Name One Share:	Name All Shares:
One-third	Three-thirds $\frac{3}{3}$
1-third	3- thirds
1 out of 3 equal parts	3 out of 3 equal parts
$\frac{1}{3}$	1 Whole

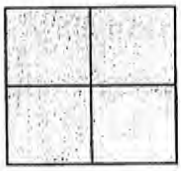
May 4th

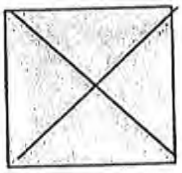
Four Equal Shares

1. Cut out three paper squares.
2. Try and fold each square in different ways to create 4 equal shares.

Four Equal Shares

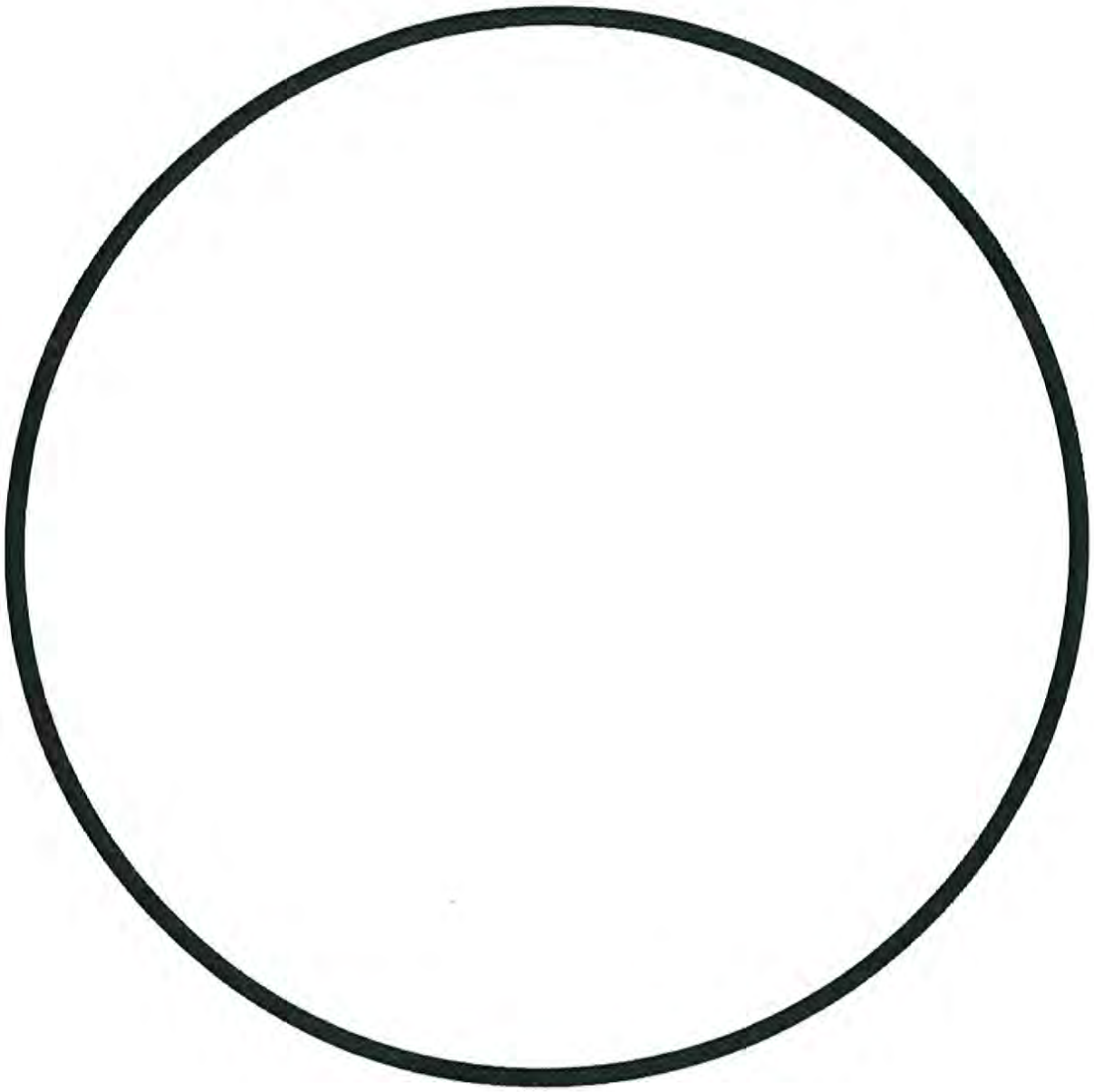




After folding, your paper should have lines similar to these.

May 5th

Pizza Circle - Color and create your pizza how you like it! Have it ready for the activity on May 5th and cut it out before opening the lesson or going over the directions on the paper.

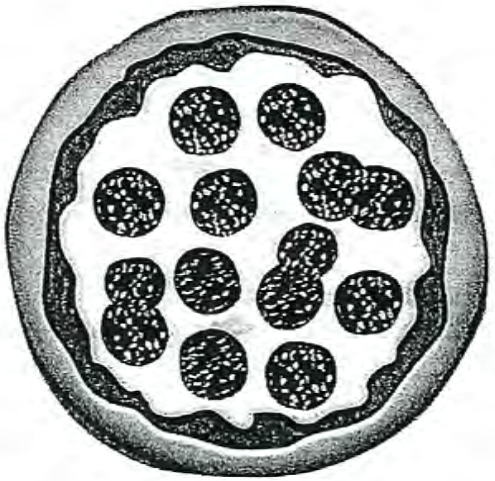


Question: How could this pizza be shared equally with 8 students?

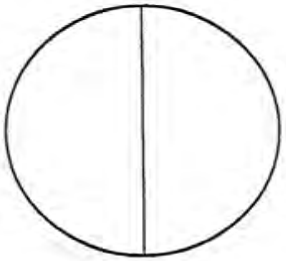
1- Create a pizza on a piece of paper. One is included in your packet.

2- Cut out the pizza, make sure it is a circle.

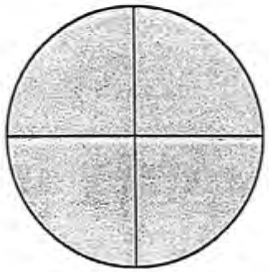
3- On the back, draw straight lines to try and make 8 equal size pieces.



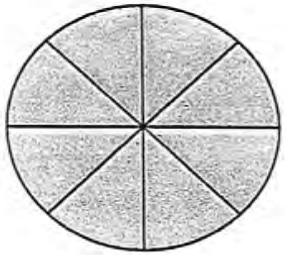
1. Fold the circle in half creating two equal shares or two halves.



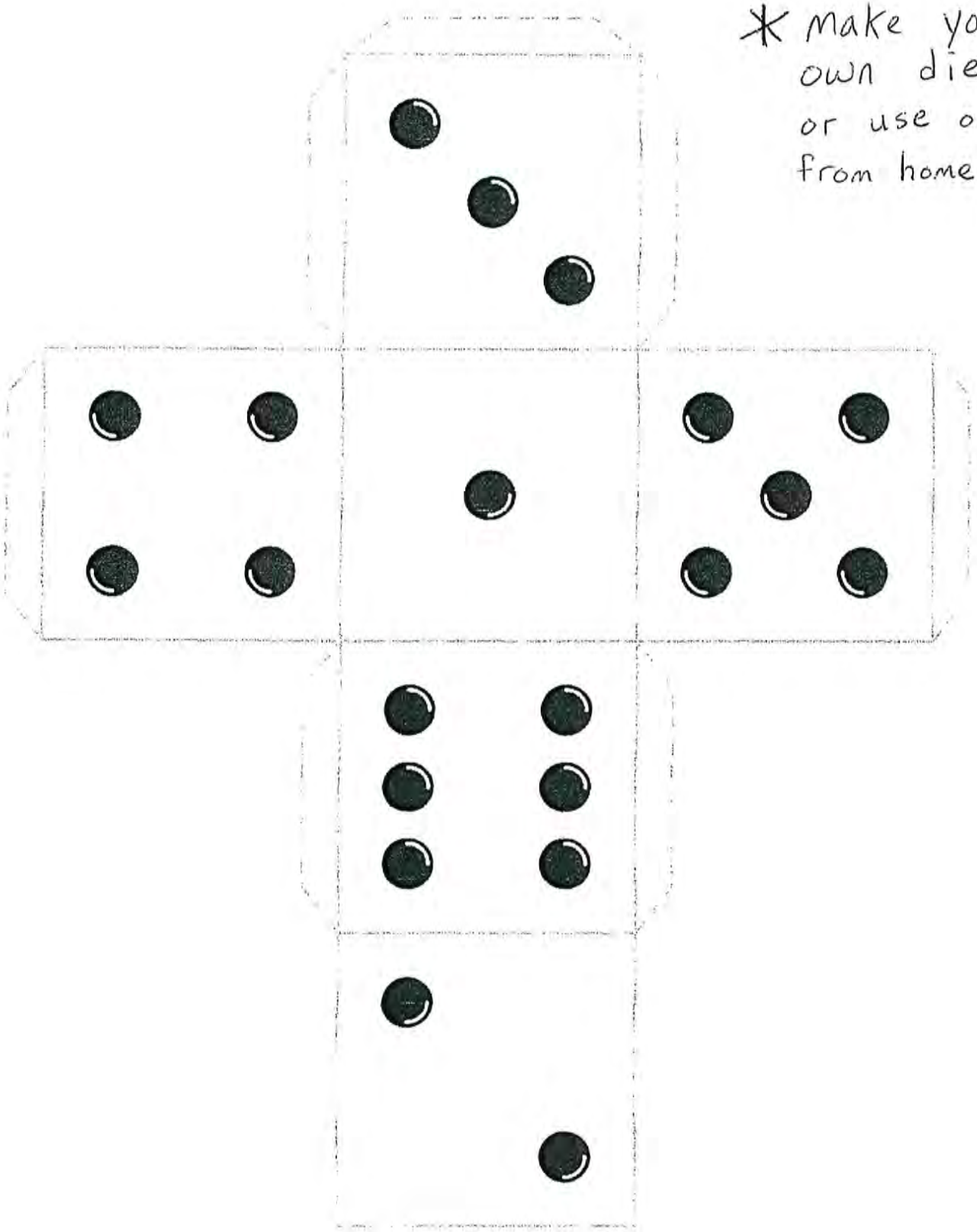
2. Keeping the circle folded in half, fold the circle again creating 4 equal shares or 4-fourths.



3. With your circle folded into fourths. Fold the paper in half again, creating 8 equal size pieces or 8-eighths when unfolded.



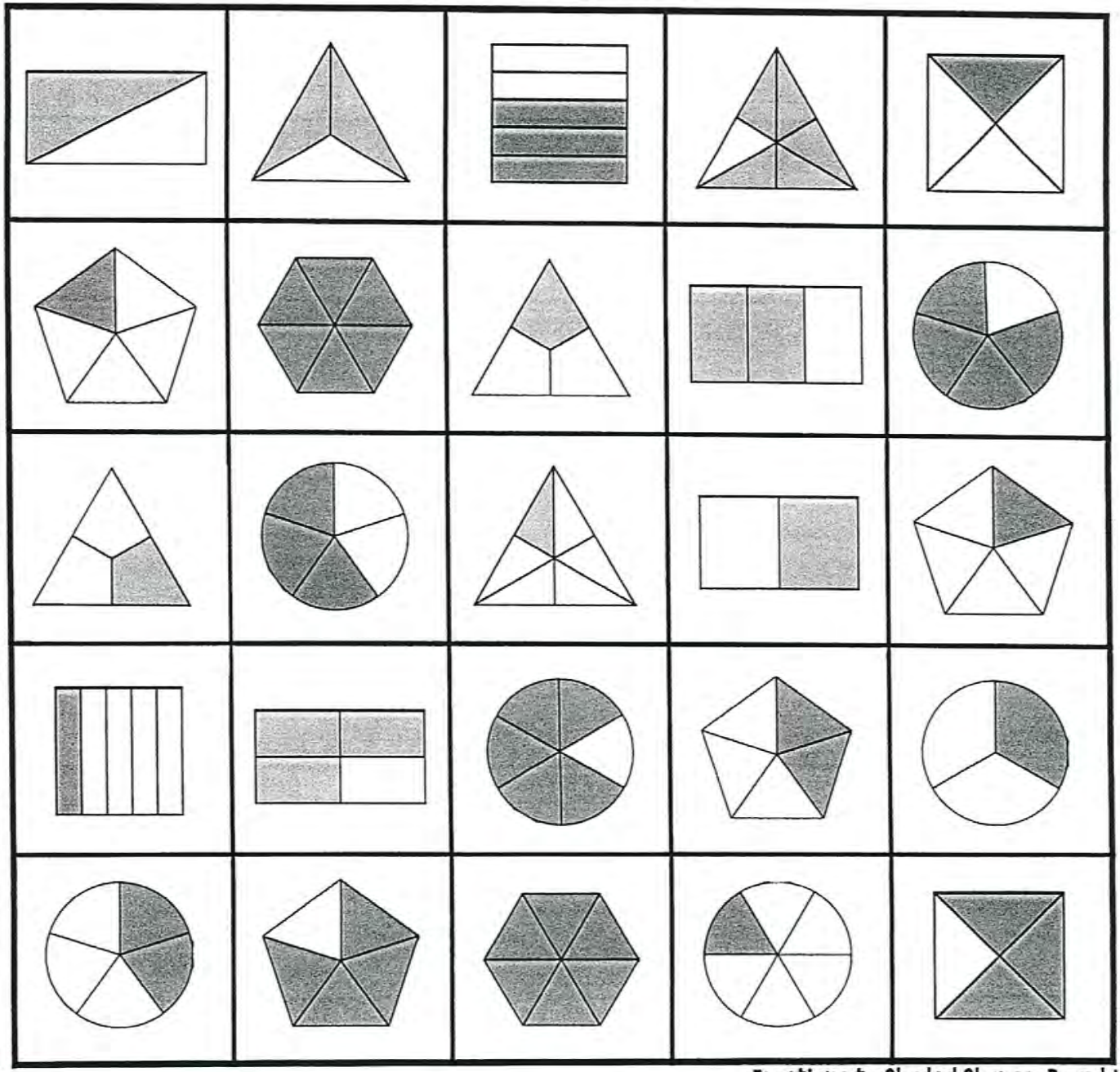
* make your own die or use one from home.



Roll It, Find It, Cover It

Directions: Roll a die. Read the fraction that matches the die pattern you rolled. Find the fraction represented as a picture one time on the game board and cover it. Can you get five in a row?

$\frac{2}{3}$	$\frac{1}{3}$	$\frac{5}{6}$
$\frac{2}{5}$	$\frac{1}{4}$	$\frac{1}{5}$
$\frac{3}{5}$	$\frac{1}{2}$	$\frac{4}{5}$
$\frac{6}{6}$	$\frac{1}{6}$	$\frac{3}{4}$



©www.thisreading mama.com

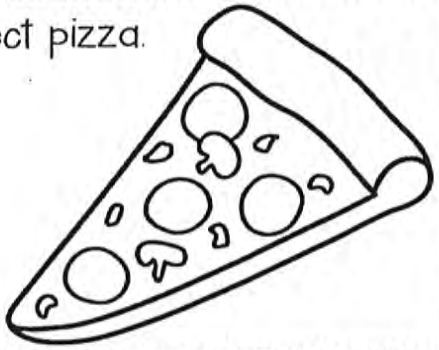
Name: _____ May 6th

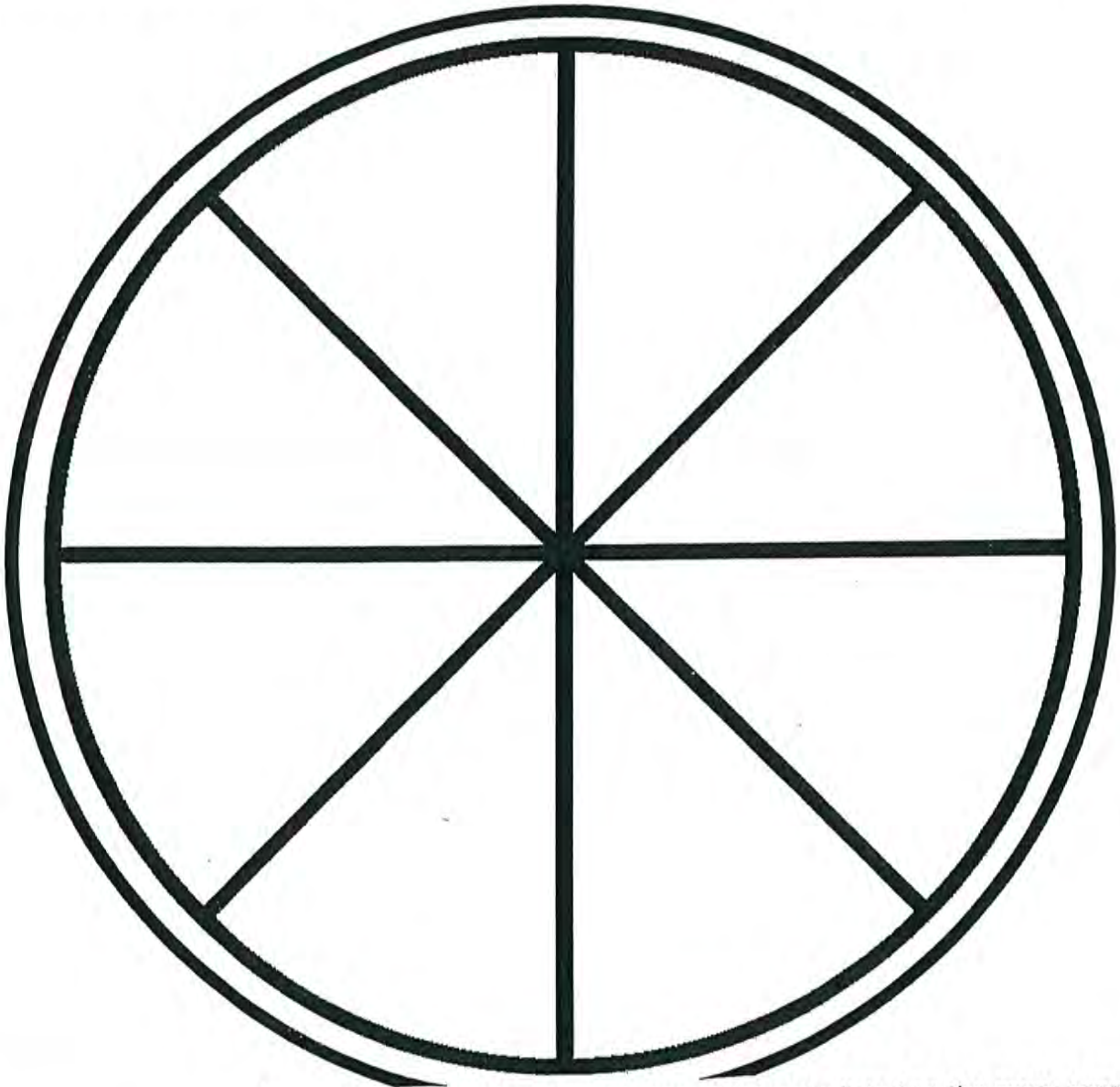
Pizza Fractions

Directions: Read the directions below to make the perfect pizza.
Each piece of pizza gets only one type of topping.

Directions: Follow the steps below to make the perfect pizza.

1. Add sauce to the whole pizza.
2. Add pepperoni to 4/8 of the pizza.
3. Add mushrooms to 1/8 of the pizza.
4. Add olives to 2/8 of the pizza.
5. Add bell peppers to 1/8 of the pizza.



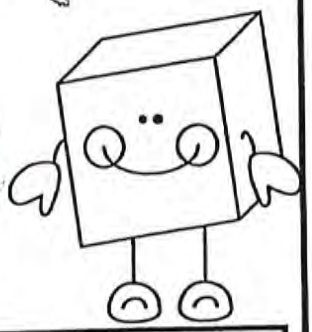


Be ready to share this page with one of the ways listed on the cover page.

May 7th

Name _____

Base Ten Fractions



Directions: Read each fraction in word form.
Fill in the numerator, and color the base ten rods to match.

	Color one tenth $\frac{1}{10}$
	Color two tenths $\frac{2}{10}$
	Color three tenths $\frac{3}{10}$
	Color four tenths $\frac{4}{10}$
	Color five tenths $\frac{5}{10}$
	Color six tenths $\frac{6}{10}$
	Color seven tenths $\frac{7}{10}$
	Color eight tenths $\frac{8}{10}$
	Color nine tenths $\frac{9}{10}$
	Color ten tenths $\frac{10}{10}$

© Annie Moffatt @ The Moffatt Girls 2014

Name: _____ May 7th

Roll and Color a Fraction

Directions: Roll a die. Color a fraction in that column.
Continue playing until all fractions have been colored.

Color $\frac{1}{2}$	Color $\frac{2}{7}$	Color $\frac{3}{4}$
Color $\frac{1}{5}$	Color $\frac{2}{4}$	Color $\frac{3}{3}$
Color $\frac{1}{4}$	Color $\frac{2}{6}$	Color $\frac{3}{6}$
Color $\frac{1}{3}$	Color $\frac{2}{2}$	Color $\frac{3}{5}$
or	or	or

© Annie Moffatt @ The Moffatt Girls 2014

May 8th

Name: _____

Use a ruler or a straightedge

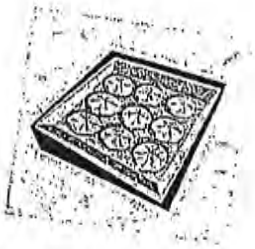
Draw and Color a Fraction

Directions: Divide each shape into the total number of parts. Color the correct fraction.

Divide into 2 equal parts. Color 1/2 red.	Divide into 3 equal parts. Color 2/3 green.
Divide into 4 equal parts. Color 2/4 orange.	Divide into 5 equal parts. Color 3/5 brown.
Divide into 2 equal parts. Color 2/2 blue.	Divide into 3 equal parts. Color 1/3 yellow.
Divide into 4 equal parts. Color 3/4 purple.	Divide into 4 equal parts. Color 1/4 black.

Be ready to share this page with one of the ways listed on the cover page.

May 11th



Name _____ Date _____

Fraction Cookies

You own your own bakery. Your specialty is fraction cookies. People place orders from all over the country for your cookies. You recently received the following orders. Before filling the order by making the cookies, you like to confirm your order with a drawing for the customer. (If the toppings ordered do not cover an entire cookie, customers want the remaining portion of the cookie to be left plain.) Using the circle templates below, show how you would create each cookie with the correct fractional amounts of toppings. Share your illustrations with your teacher.

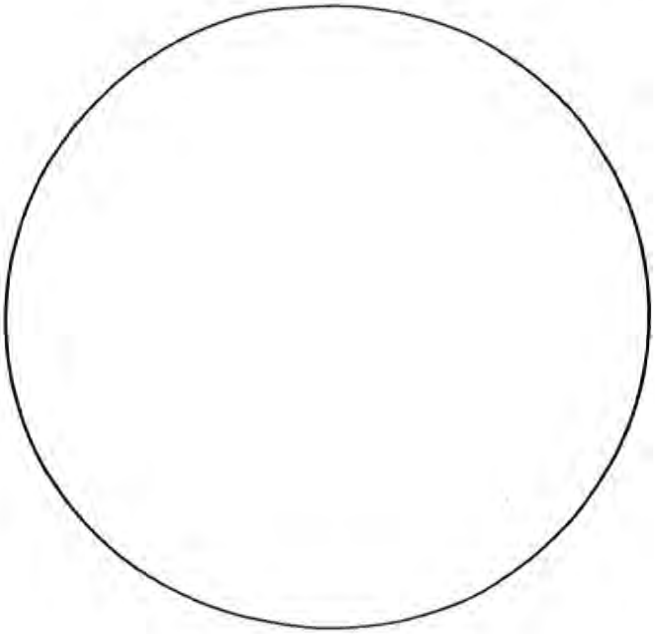
Cookie Orders

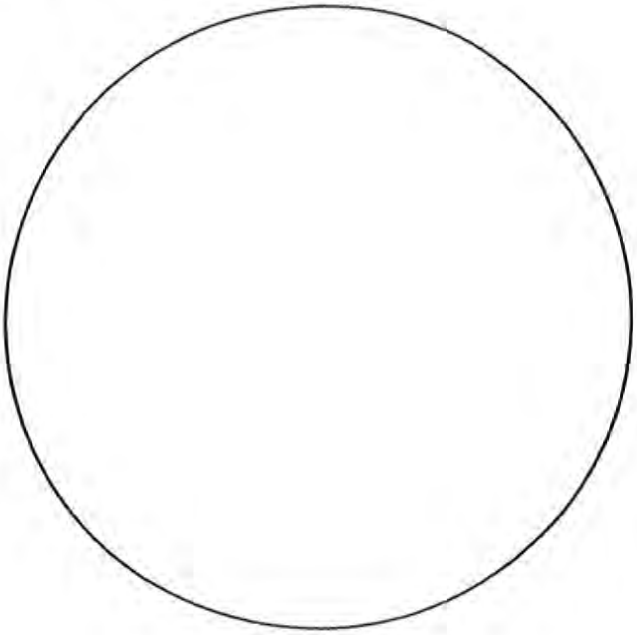
Order Number	M & Ms	Walnuts	Chocolate Chips	Vanilla Icing	Sprinkles	Chocolate Icing
#1	Half	Half				
#2				Two fourth	One fourth	
#3	One fourth				One fourth	Two fourths
#4	One fourth		One fourth			Two fourths
#5	One third		One third	One third		
#6			Two fourths		Two fourths	
#7		One fourth	One fourth	One fourth		One fourth
#8	One third					Two thirds

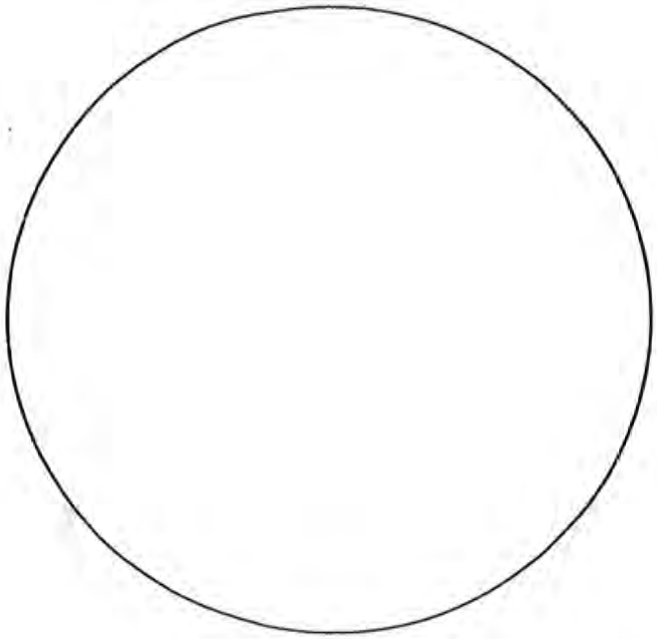
May 11th

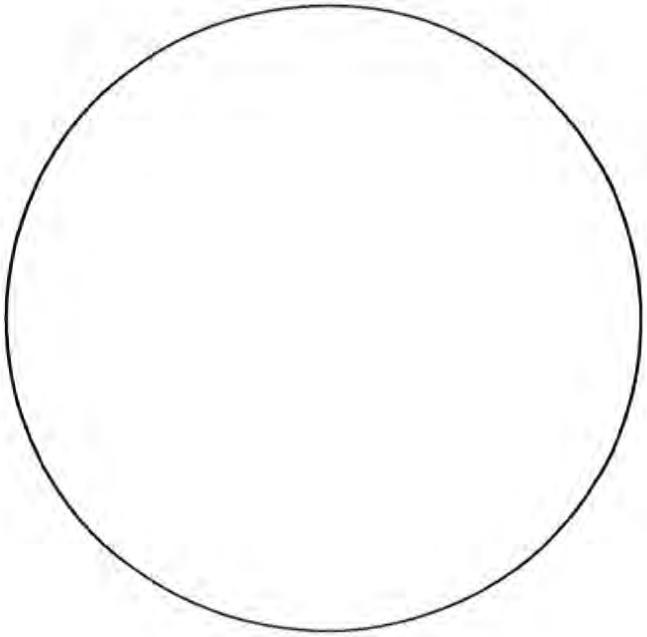
Name _____ Date _____

Fraction Cookie Orders

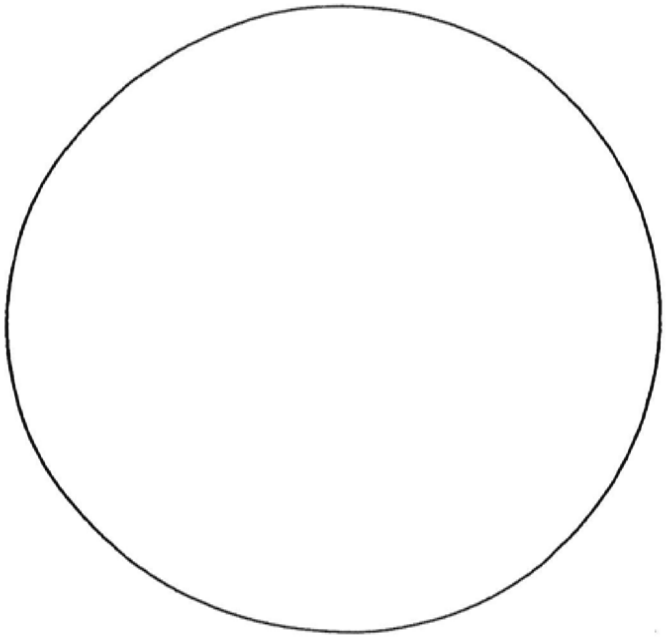


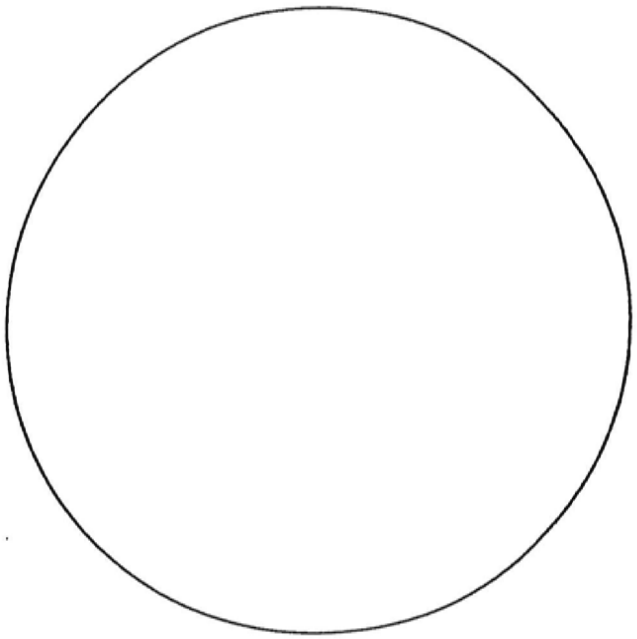


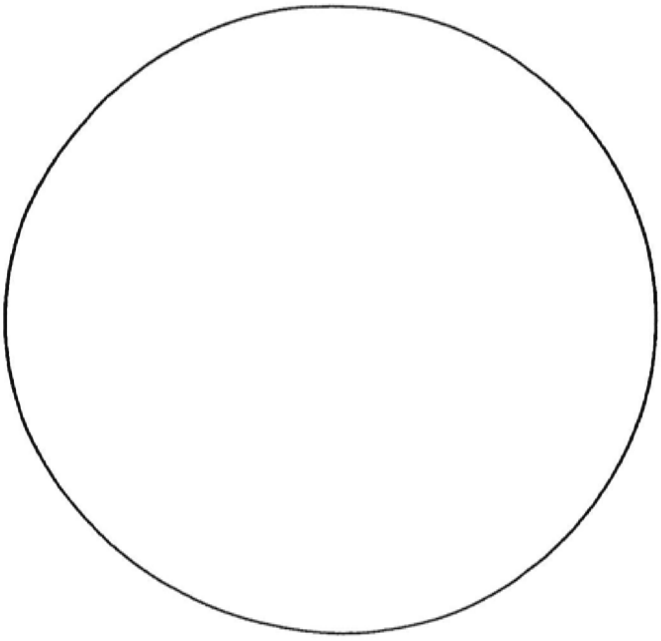


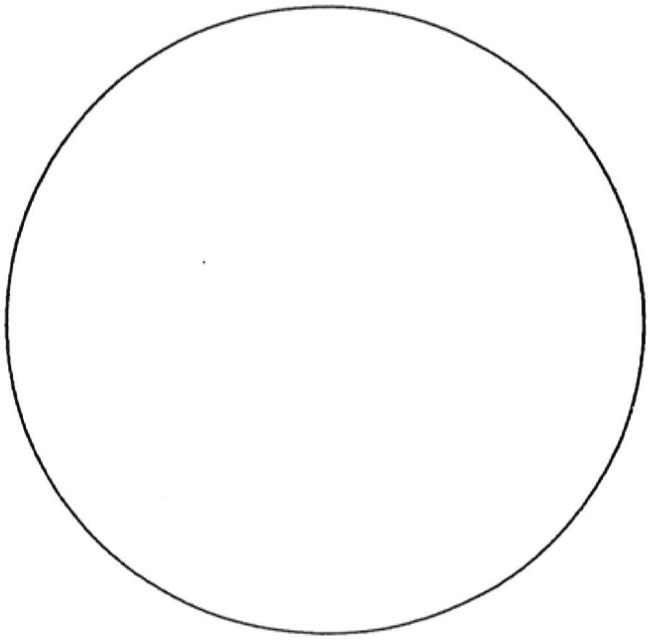


May 11th





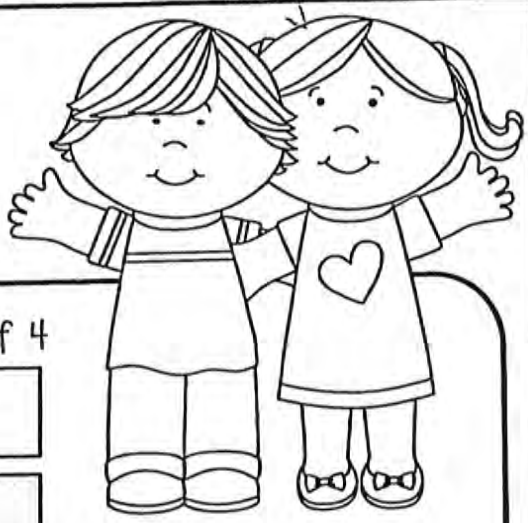




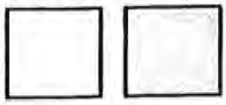
May 17th

Name: _____

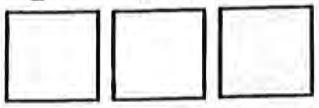
Let's Share!



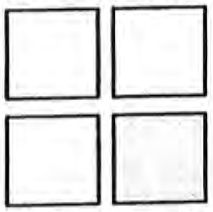
1/2 = 1 of 2



1/3 = 1 of 3



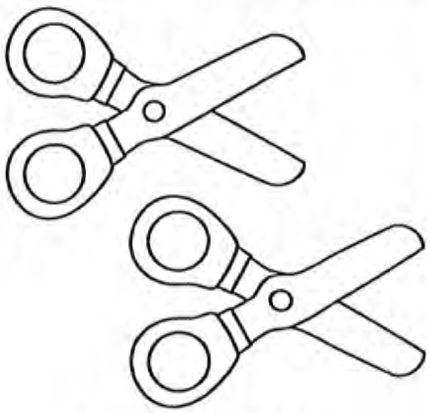
1/4 = 1 of 4



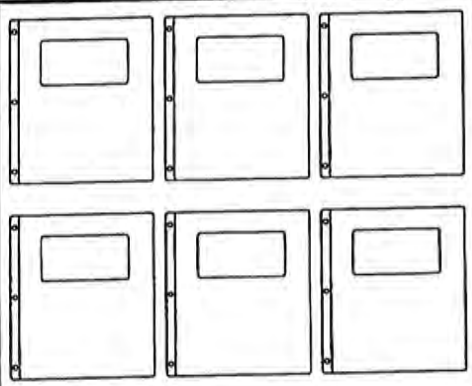
Bill = green

Jane = red

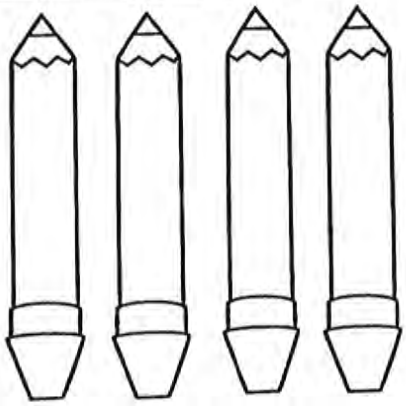
Directions: Use the color code to help you color the correct fractions for Bill and Jane.



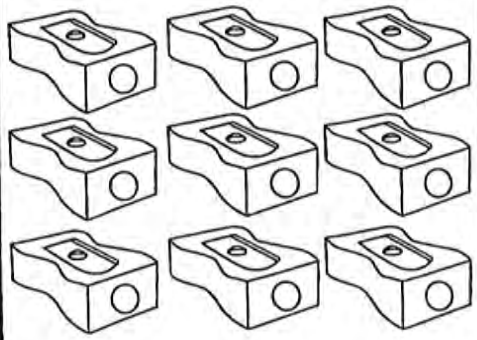
Bill gets 1/2
Jane gets 1/2



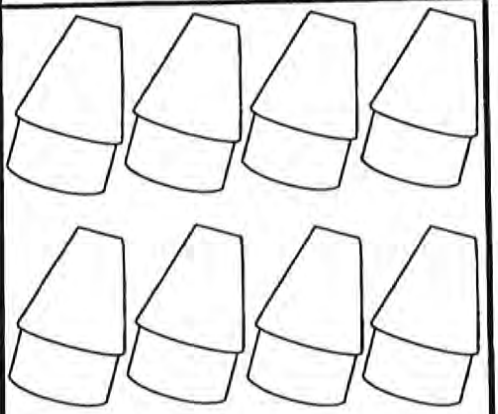
Bill gets 1/3
Jane gets 2/3



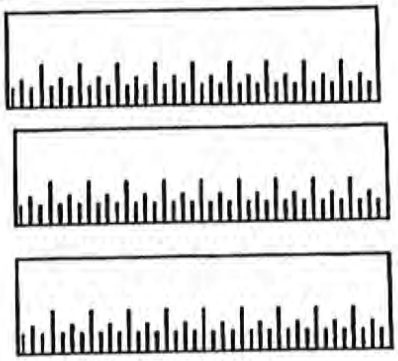
Bill gets 3/4
Jane gets 1/4



Bill gets 1/3
Jane gets 2/3



Bill gets 2/4
Jane gets 2/4



Bill gets 2/3
Jane gets 1/3

© Annie Moffatt @ The Moffatt Girls 2014

May 13th

Name_____

Fraction Word Problems

Directions: Read each word problem. Draw a picture to match your word problem. Show your work. Use the last box to write your own fraction problem.

Kim has 8 balloons. 1/2 of the balloons are red and 1/2 of the balloons are blue.	Alex has 6 scoops of ice cream. 1/3 of his scoops are chocolate, 1/3 of the scoops are strawberry and 1/3 of the scoops are vanilla.
Jane has eight pieces of candy. 1/4 of the pieces are red, 1/4 are orange, 1/4 are blue and 1/4 are green.	Jim has 6 marbles. _____ _____ _____ _____

Be ready to share this page with one of the ways listed on the cover page.

M&M's Fractions

Step 1: Open the bag of M&M's and count how many are in the bag.
Step 2: Sort the M&M's by color into the boxes.
Step 3: Write the fraction that represents the color of each candy in your packet.

Total number of M&M's _____ (denominator)

Example: If there are 22 total M&M's and 6 are orange, the fraction would be $\frac{6}{22}$

Orange _____ Numerator Denominator How Many? _____ (numerator)	Blue _____ How Many? _____	Brown _____ How Many? _____
Red _____ How Many? _____	Green _____ How Many? _____	Yellow _____ How Many? _____

May 14 +5

May 15th

Name _____

Count the money and write the total amount on the line. Don't forget your dollar or cent sign.

1.	_____
2.	_____
3.	_____
4.	_____
5.	_____
6.	_____
7.	_____

Name: _____

No Prep - Math Sorts!

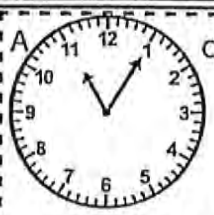
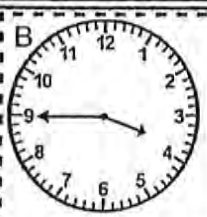
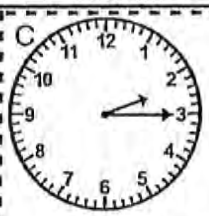
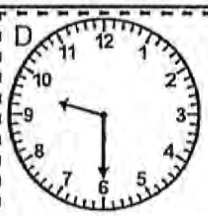
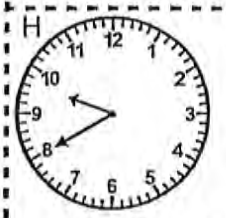
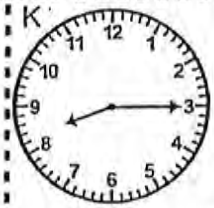
2.MD.7 #2

May 15th

Directions: Organize the cards below into three categories.

AM Activities		PM Activities	

Directions: Cut, Sort, and Glue!

A  clean your room ____:____ AM or PM	B  play soccer ____:____ AM or PM	C  go to the park ____:____ AM or PM	D  go to art class ____:____ AM or PM
E complete your homework ____:____ AM or PM	F ride your bike ____:____ AM or PM	G go shopping ____:____ AM or PM	H  take a math test ____:____ AM or PM
I go to dance class ____:____ AM or PM	J brush your teeth ____:____ AM or PM	K  eat breakfast ____:____ AM or PM	L go to the movie theater ____:____ AM or PM

www.mathtechconnections.com

Science

Session 2: May 4-15, 2020

In science, students will be learning about and comparing a rainforest habitat and a desert habitat. The schedule below will help the student pace his/her work.

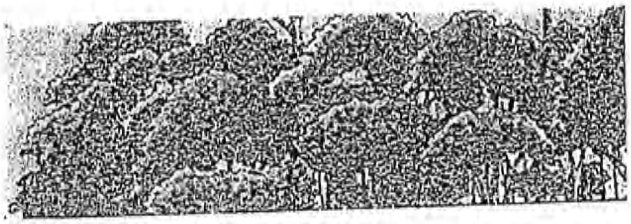
On May 7th and 13th (see schedule below), students will have a choice to create a scene to show what they have learned about the rainforest or the desert habitat. They could use the paper provided in the packet to draw the habitat or they could use materials found in or around the home such as play-doh, Legos, small animal toys, clay, sand, items found in nature, paper, or any other items to create the habitat. Either way, take a picture of the creation and send it to their teacher.

Second Grade Learning Schedule for Science

May 4 Draw a habitat near where you live.	May 5 Read about the different layers of the rainforest. Optional link for more information about rainforests: https://www.youtube.com/watch?v=JEsV5rqbVNQ	May 6 Use the information about rainforest layers from yesterday to complete *Here's What I Know About The Rainforest.*	May 7 Option 1: Draw one layer of the rainforest and include animal(s) that live in that layer. Option 2: Children can use materials around the home to create a rainforest habitat scene.	May 8: Read information about *Desert Plants.* Optional link for more information about deserts: https://www.youtube.com/watch?v=DAs7lgce1cI
May 11 Read information about *Desert Animals.*	May 12 Complete *Here's What I Know About the Desert.*	May 13 Option 1: Draw a desert habitat and include at least one animal that lives there. Option 2: Children can use materials around the home to create a desert habitat scene.	May 14 Fill in the outer parts of the *Habitat Comparison* Venn diagram, listing several ways that the habitats are different.	May 15 Fill in the middle section of the *Habitat Comparison* Venn diagram, listing several ways that the habitats are the same. *Send a photo of the completed Venn diagram to your teacher.

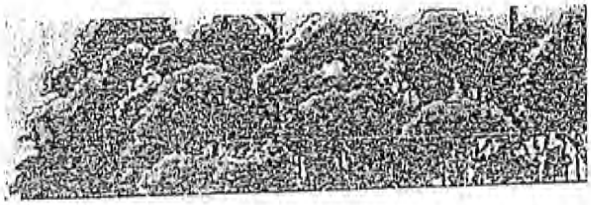
A **habitat** is all the living and non-living things in an area. All around the world there are many different kinds of habitats. Plants and animals live in habitats that have the things they need to survive.

Draw a habitat near where you live. It could be a pond, a forest, or even your backyard.



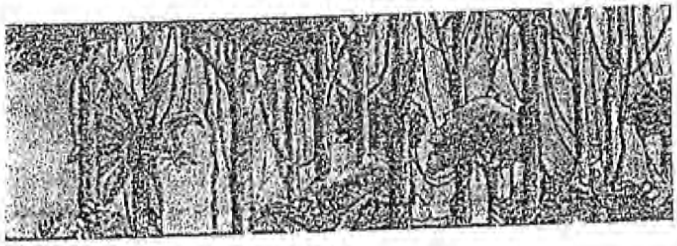
EMERGENT LAYER

The tallest trees are the emergents, towering as much as 200 feet above the forest floor with trunks that measure up to 16 feet around. Most of these trees are broad-leaved, hardwood evergreens. Sunlight is plentiful up here. Animals found are eagles, monkeys, bats and butterflies.



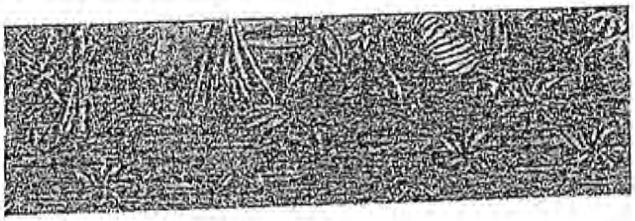
CANOPY LAYER

This is the primary layer of the forest and forms a roof over the two remaining layers. Most canopy trees have smooth, oval leaves that come to a point. It's a maze of leaves and branches. Many animals live in this area since food is abundant. Those animals include: snakes, toucans and treefrogs



UNDERSTORY LAYER

Little sunshine reaches this area so the plants have to grow larger leaves to reach the sunlight. The plants in this area seldom grow to 12 feet. Many animals live here including jaguars, red-eyed tree frogs and leopards. There is a large concentration of insects here.



FOREST FLOOR

It's very dark down here. Almost no plants grow in this area, as a result. Since hardly any sun reaches the forest floor things begin to decay quickly. A leaf that might take one year to decompose in a regular climate will disappear in 6 weeks. Giant anteaters live in this layer.

~~Name~~ May 6

Here's What I Know About The:

RAINFOREST

Habitat:

Plants:

Animals:

~~Name~~ May 7

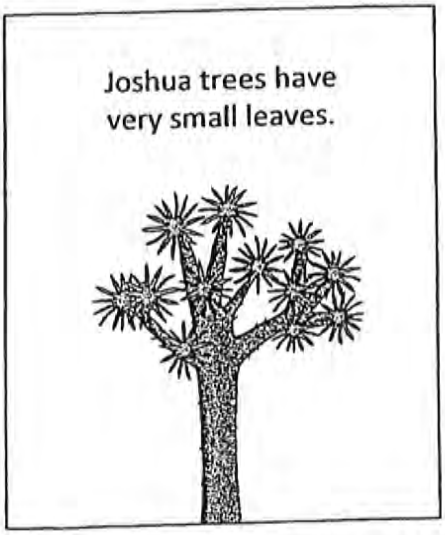
The Rainforest (choice)

Draw one of the layers of the rainforest and include at least one animal that lives in that layer.

May 8

Desert Plants

Hot deserts are very dry habitats. They get little rain and a lot of sunlight. Plants in the desert have adaptations that help them survive. Aloe Vera plants have a thick waxy layer on the outside that keeps liquid safe inside the plant. Some trees, like the Joshua Trees, have very small leaves. This protects the water inside the leaves from evaporation. There are plants in the desert that are nocturnal. They curl up during the day and open their leaves and flowers at night when the sun goes down. Barrel Cactuses and Saguaro Cactuses shrink when they have little water and swell when water is available. The spines on some cactus plants are used as a form of protection from animals that might try to eat the plant.



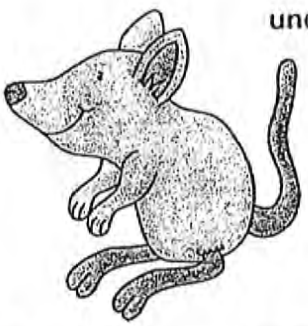
GreatMinds123

May 11

Desert Animals

Like desert plants, desert animals have adaptations that help them survive in this habitat. Most of the animals have learned ways to get water from plants. During the day many animals find shade to hide from the hot sun. Foxes and rabbits have ears that can let off heat when they are hot. Desert animal colors are sometimes brown or beige to blend in with the sand. Lizards have thick scaly skin that helps keep water in.

Animals in the desert make their homes in interesting places. Some tunnel underground where it is cooler. Others make their homes inside holes found on the saguaro cactuses. Many desert animals are nocturnal.



Kangaroo rats sleep underground most of the day and come out at night when it is cooler to find the seeds they eat.

GreatMinds123

~~Name~~ May 12

Here's What I Know About The:

Desert

Habitat:

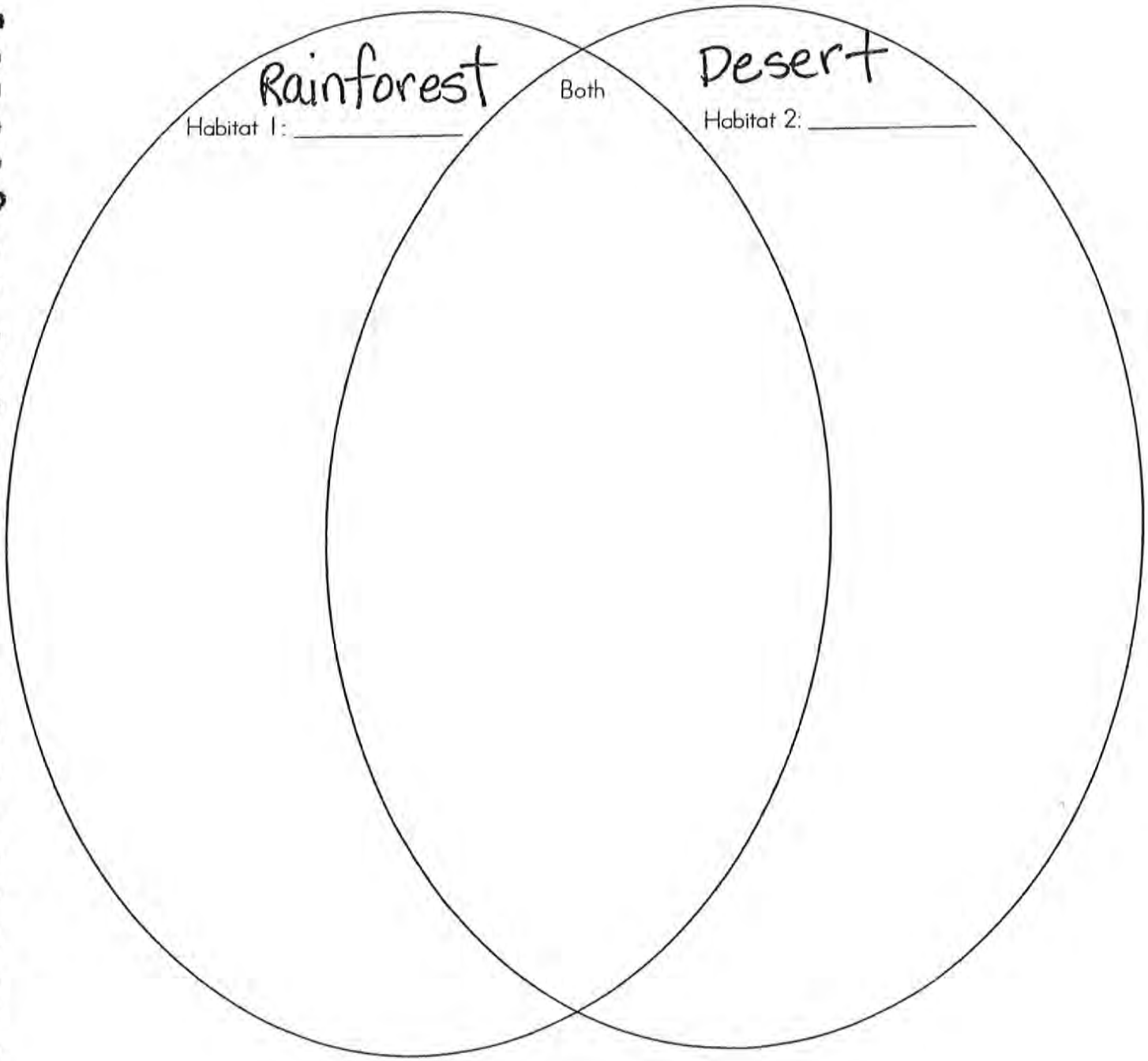
Plants:

Animals:

~~Name~~ May 13
(choice)

The Desert

Draw a desert habitat and include at least one animal that lives there.

Name May 14 and 15

Habitat Comparison