

Monthly Themed Math Practice

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

3rd Grade

Name: _____ Date: _____

TURKEY TROT

word problems

Directions: Can you make it to the finish line of the Turkey Trot? Solve the word problems to reach the end!

START

Name: _____ Date: _____

ELAPSED TIME

at santa's workshop

Name: _____ Date: _____

MULTIPLY AND DIVIDE

with equal groups

Name: _____ Date: _____

COMPARING FRACTIONS

with brownies

elf ate more? Solve each word problem below and illustrate the brownie pans. The brownie pans in Question 1 are partitioned for

Name: _____ Date: _____

FRACTION SORT

with equivalent fractions

Name: _____ Date: _____

VALENTINE'S DAY

picture graph

Name: _____ Date: _____

MULTIPLICATION

even number products

Name: _____ Date: _____

NUMBER SEQUENCES

with eggs

Name: _____ Date: _____

FACT FLUENCY

crack the code

Name: _____ Date: _____

COLLECTING SEASHELLS

multiplication facts

Name: _____ Date: _____

NUMBER SEQUENCES

with apples

Directions: An apple a day keeps the doctor away! Find the number in each sequence. You may need to add, subtract, multiply, or divide.

Name: _____ Date: _____

BACK TO SCHOOL

addition and subtraction

1.

2.

3.

4.

Name: _____ Date: _____

WITCHES BREW

fluency practice

Directions: These witches love to make brew with products or quotients of 8! Draw a line from the product or quotient to the number it equals.

8×4 4×4

$16 \div 2$ 20



Color and

Blackline versions



Name: _____ Date: _____

ADDITION AND SUBTRACTION

journey to the pot of gold

Directions: Can you make it to the pot of gold? Solve each addition and subtraction problem. Follow the correct path. Shade your answers!

START

$$\begin{array}{r} 462 \\ -224 \\ \hline \end{array}$$

291

$$\begin{array}{r} 627 \\ -610 \\ \hline \end{array}$$

396

$$\begin{array}{r} 200 \\ +561 \\ \hline \end{array}$$

761


$$\begin{array}{r} 400 \\ -199 \\ \hline \end{array}$$


Name: _____ Date: _____


ESTIMATING SUMS


to the nearest ten


Directions: Round each number to the nearest ten to estimate each sum.



$$\begin{array}{r} 534 \\ +119 \\ \hline \end{array}$$


$$\begin{array}{r} 648 \\ +223 \\ \hline \end{array}$$


$$\begin{array}{r} 466 \\ +391 \\ \hline \end{array}$$


$$\begin{array}{r} 955 \\ +63 \\ \hline \end{array}$$


$$\begin{array}{r} 757 \\ +545 \\ \hline \end{array}$$



$$\begin{array}{r} 501 \\ +246 \\ \hline \end{array}$$

Name: _____ Date: _____

FACT FLUENCY

crack the code

Directions: Can you crack the code to answer the riddle? Solve each multiplication problem. Then, find your answer down below and write the corresponding letter on the line.

Riddle: Why is it important to never iron a four-leaf clover? 

Y 8 <u>x7</u>	U 9 <u>x3</u>	C 10 <u>x10</u>	W 6 <u>x8</u>	P 5 <u>x7</u>
R	N	O	A	T





Color and
Blackline
versions

Name: _____ Date: _____

DECK THE HALLS

Labeling fractions on a number line

Directions: Identify the missing fractions on each number and write in the stockings.

Name: _____ Date: _____

DECK THE HALLS

Labeling fractions on a number line

Directions: Identify the missing fractions on each number and write the fractions in the stockings.

Color and Blackline versions

Name: _____ Date: _____

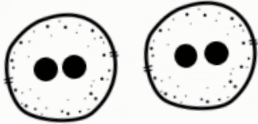
MULTIPLY AND DIVIDE

with equations



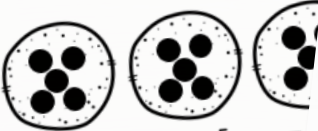
Directions: The yetis are having a snowball fight. Write a multiplication and division equation for each picture.

1.



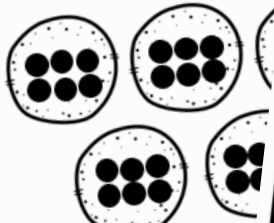
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

3.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

5.




$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

Name: _____ Date: _____

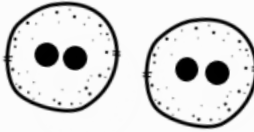
MULTIPLY AND DIVIDE

with equal groups



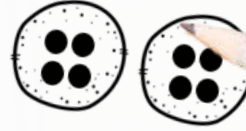
Directions: The yetis are having a snowball fight! Write a multiplication and division equation for each picture.

1.



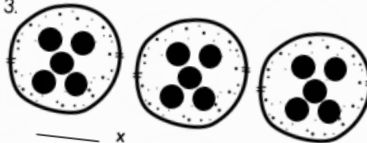
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

2.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

3.



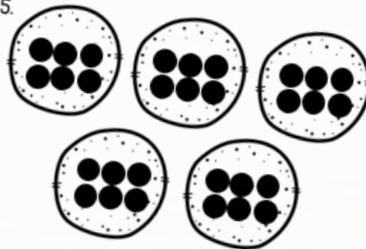
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

4.



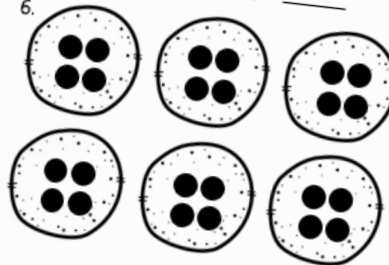
$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

5.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

6.



$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$
$$\underline{\quad} \div \underline{\quad} = \underline{\quad}$$

Color and Blackline versions



Name: _____ Date: _____

EARTH DAY

comparing fractions

Directions: Taylor and his friends collected trash around the community! Each recycling bin contains glass, cardboard, and paper. Compare the fractional portions of glass in each bin using the symbols $<$, $>$, and $=$.

1.  

3.  

5.  






7.  



Name: _____ Date: _____

SPRING PEEPS

division color by code

 Purple = 2
  Green = 4
  Yellow = 5
  Blue = 6
  Pink = 10

$4 \div 1$	$8 \div 2$	$12 \div 3$	$16 \div 4$
$2 \div 1$	$100 \div 10$	$36 \div 6$	$40 \div 8$
$4 \div 2$	$20 \div 10$	$6 \div 3$	$10 \div 5$
$20 \div 10$	$5 \div 1$	$30 \div 6$	$8 \div 4$
$10 \div 5$	$22 \div 11$	$45 \div 9$	$12 \div 6$
$20 \div 4$	$14 \div 7$	$15 \div 3$	$12 \div 6$
$20 \div 5$	$16 \div 8$	$10 \div 2$	$90 \div 9$
$32 \div 8$	$54 \div 9$	$18 \div 9$	$18 \div 9$
$20 \div 5$	$40 \div 10$	$36 \div 9$	$36 \div 9$









Color and Blackline versions

Name: _____ Date: _____

MEMORIAL DAY

multiplication color by code

 Dark Blue = 0-10  Light Blue = 11-20  Red = 21-40  White = 41-60  Yellow = 61-80  Gray = 81-100

© 2018 Baker

Name: _____ Date: _____

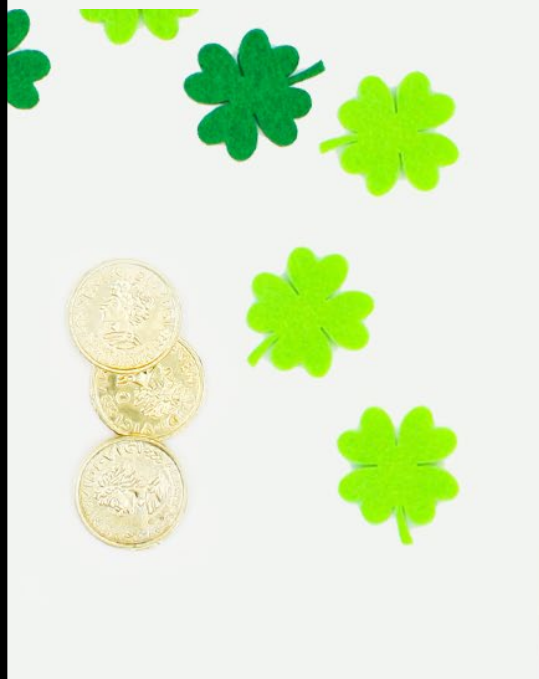
MEMORIAL DAY

fractions on a number line

It's time to decorate for Memorial Day! Find the missing fraction on the number line.

© 2018 Baker

- Variety of 3rd Grade Skills
- Great for spiral review and repeated progress.



Name: _____ Date: _____

LEPRECHAUN MIX-UP

classifying plane shapes

Directions: Help! The silly leprechaun mixed up all the shapes! Classify each shape by writing the letter where it belongs in the Venn diagram.

1.

A

B

C

D

2.

E

F

Parallel Sides Perpendicular Sides

Right Triangle Triangle

Right Angle Equal Sides

© 2015 Pickles

Name: _____ Date: _____

ST. PATRICK'S DAY

bar graphing

Directions: All the 3rd grade classes went on a scavenger hunt for St. Patrick's Day! Review the data in the chart. Then, create a bar graph to represent the data.

Items Found	Number of Students
Gold Coin	14
Four Leaf Clover	8
Harp	12
Hat	6
Irish Flag	9



- Variety of 3rd Grade Skills
- Great for spiral review and repeated progress.



Name: _____ Date: _____



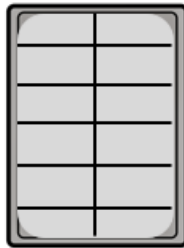
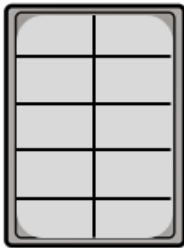
COMPARING FRACTIONS



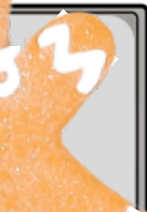
with brownies

Directions: Which elf ate more? Solve each fractional part in the brownie pans. The brownie is yours.

1. Elfie baked brownies and cut them into tenths. He ate 4 brownies. Mistletoe baked brownies in the same size pan and cut her brownies into twelfths. She ate 2 brownies. Who ate more?



3. Sprinkles baked brownies and cut them into fourths. She ate 2 brownies. Merry baked brownies in the same size pan and cut her brownies into thirds. She ate 1 brownie. Who ate more?



Name: _____ Date: _____

ELAPSED TIME

at santa's workshop

Directions: The elves are working hard to finish all of the toys for Christmas Eve! How long did it take the elves to finish their toys?

1.



Elfie began working at 6:30pm. He finished at 8:00pm. How long did it take him to finish his toys?

2.



Cheery began working at 1:55pm. He finished at 5:00pm. How long did it take him to finish his toys?

3.

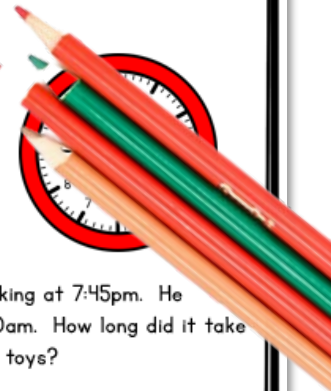


Jingle began working at 4:00pm. He finished at 10:15pm. How long did it take him to finish his toys?

4.



Jolly began working at 7:45pm. He finished at 12:00am. How long did it take him to finish his toys?








- Variety of 3rd Grade Skills
- Great for spiral review and repeated progress.


Name: _____ Date: _____

COMPARING FRACTIONS

with hot

Directions: Which glass of hot cocoa has more? Compare the numbers correctly using >, <, or =. Write your answers inside the marshmallow.

- 
- 
- 
- 
- 
















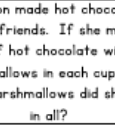
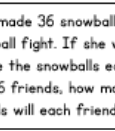
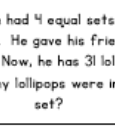
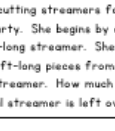


Name: _____ Date: _____

IT'S SNOWING

word problems

Directions: It's snowing word problems! Join in on the fun by solving each word problem below!


		
		
	Chris is baking cookies for his family. There are 8 cookies on each baking tray. He bakes 6 trays of cookies. How many cookies is he baking in all?	
	Ryder has \$30 to spend on treats for his snow day. His dad gives him \$5 more. If each treat costs \$5, how many treats can he buy?	
	Michael and his friends are shoveling snow at 7 houses on his street. If there are 3 friends at each house, how many friends are helping in all?	
	Tasha is arranging tables at her winter celebration. She places all the tables in an 8x6 array. How many tables are being used at the winter celebration?	
		
		
		
		
		
		

Emerson made hot chocolate for her friends. If she made 8 cups of hot chocolate with 8 marshmallows in each cup, how many marshmallows did she use in all?

Ashley made 36 snowballs for a snowball fight. If she wants to share the snowballs equally with 6 friends, how many snowballs will each friend get?

Jason had 4 equal sets of lollipops. He gave his friends 5 lollipops. Now, he has 31 lollipops. How many lollipops were in each set?

Kara is cutting streamers for her winter party. She begins by cutting a 48 ft-long streamer. She cuts two 6 ft-long pieces from the original streamer. How much of the original streamer is left over?



- Variety of 3rd Grade Skills
- Great for spiral review and repeated progress.

Name: _____ Date: _____

ELAPSED TIME

with digital clocks

Directions: Our Earth Day superheroes are hard at work! Solve the word problems below and draw a line to the matching analog clocks. Be sure to show your work!

- Tommy began planting a garden at 1:25pm. If it took him 65 minutes to complete, what time did he finish?
- Taylor picked up trash around her community for 47 minutes. If she began at 3:58pm, what time did she finish?
- Quinton finished watering his backyard at 10:15am. If it took him an hour and 10 minutes, what time did he start?
- Kelly collected school papers that were ready to be recycled. She began at 2:06pm. If it took her 54 minutes to finish, what time did she finish?
- Michael decided to walk to basketball practice instead of driving his car. If he left at 12:57pm, and it takes 23 minutes to get there, what time did he arrive?



Name: _____ Date: _____

COUNTING AREA

with square units

Directions: Mrs. Johnson's 3rd grade class worked together to clean different parks on Earth Day! Count the square units to find the area of each park below.

- Area = _____
- Area = _____
- Area = _____
- Area = _____
- Area = _____



- Variety of 3rd Grade Skills
- Great for spiral review and repeated progress.

Name: _____ Date: _____

SPRING ACTIVITIES

bar graphing

Directions: Third grade students voted on their favorite activities to do in Spring. Use the bar graph below to answer the questions.

Spring Activities

Activity	Number of Votes
Plant Flowers	12
Fly a Kite	7
Nature Walk	16
Pick Berries	20
Bird Watching	3

- Which activity had the greatest number of votes? _____ Fewest? _____
- How many more students voted for a nature walk than bird watching? _____
- How many fewer students voted for flying a kite than picking berries? _____
- How many students voted for planting flowers and picking berries? _____
- What is the total number of votes represented in the graph? _____

© Julie Baker

Name: _____ Date: _____

MULTIPLICATION

number products

Color in the even number products to Memorial Day parade!

8 x 3	3 x 3	5 x 1	3 x 5
9 x 4	7 x 2	5 x 6	6 x 3
7 x 5	7 x 7	9 x 9	2 x 4
7 x 8	6 x 6	3 x 10	4 x 6
3 x 9	7 x 1	11 x 1	7 x 7
9 x 5	7 x 5	1 x 9	5 x 3
5 x 2	8 x 5	10 x 10	


© Julie Baker

Name: _____


TOY SHOP CROSS


with unknown

Directions: Help the elves pack up the unknown number in each sequence. gift.

56	÷		=
----	---	---	---



	÷	
+		
13		
=		

	x	
---	---	--

Name: _____

RO cookie

Directions: Estimate the difference nearest hundred. Then, draw a lit estimate in the cookie.

872+430

224+655

583+161

149+915

Name: _____

Date: _____



Red = 0-20



Green = 31-40



Blue = 51-60



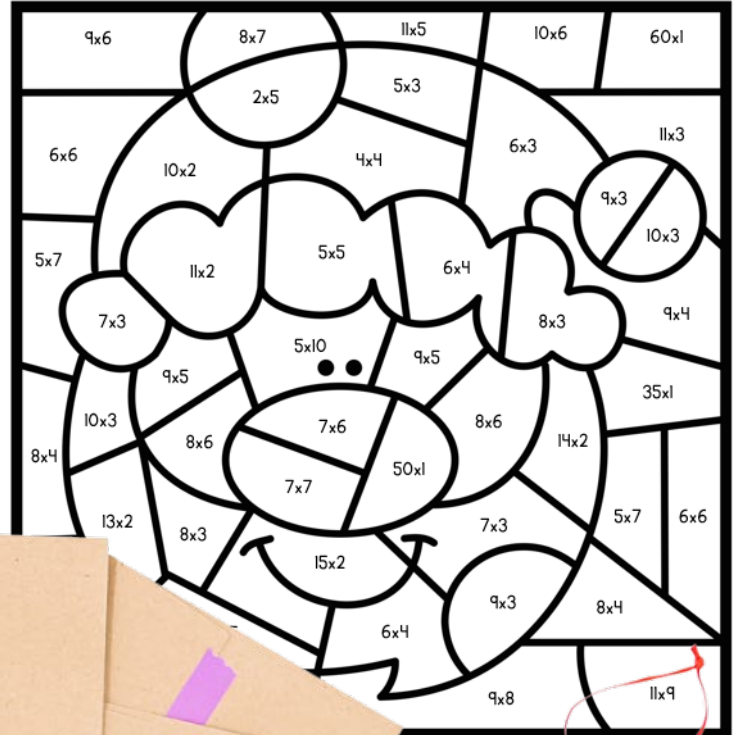
White = 21-30



Skin Tone = 41-50



Yellow = 61-100







©2015 Baker

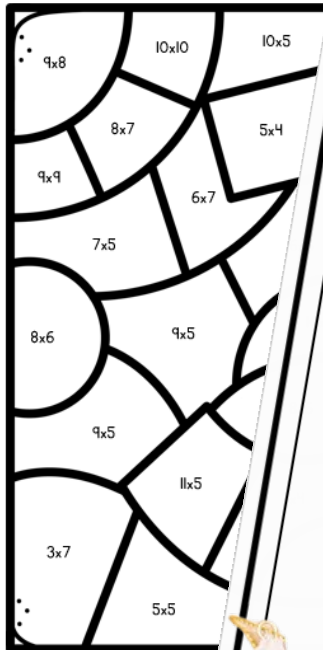


Name: _____ Date: _____

J IS FOR JANUARY

color by

-  Red = 0-20
-  Green = 21-30
-  Pink = 31-40
-  Purple = 41-50



Name: _____ Date: _____

BUILD A SNOWMAN

with circles and polygons

Directions: Draw a snowman with the following criteria:



- Head: 1 Octagon
- Eyes: 2 Hexagons
- Mouth: 5 circles
- Arms: 2 quadrilaterals
- Hat: 1 pentagon
- Body: 2 Octagons
- Nose: 1 Triangle
- Buttons: 3 pentagons
- Fingers: 6 quadrilaterals

Name: _____

ELAPS

using a

Directions: Help The icicles are determine how long it takes for



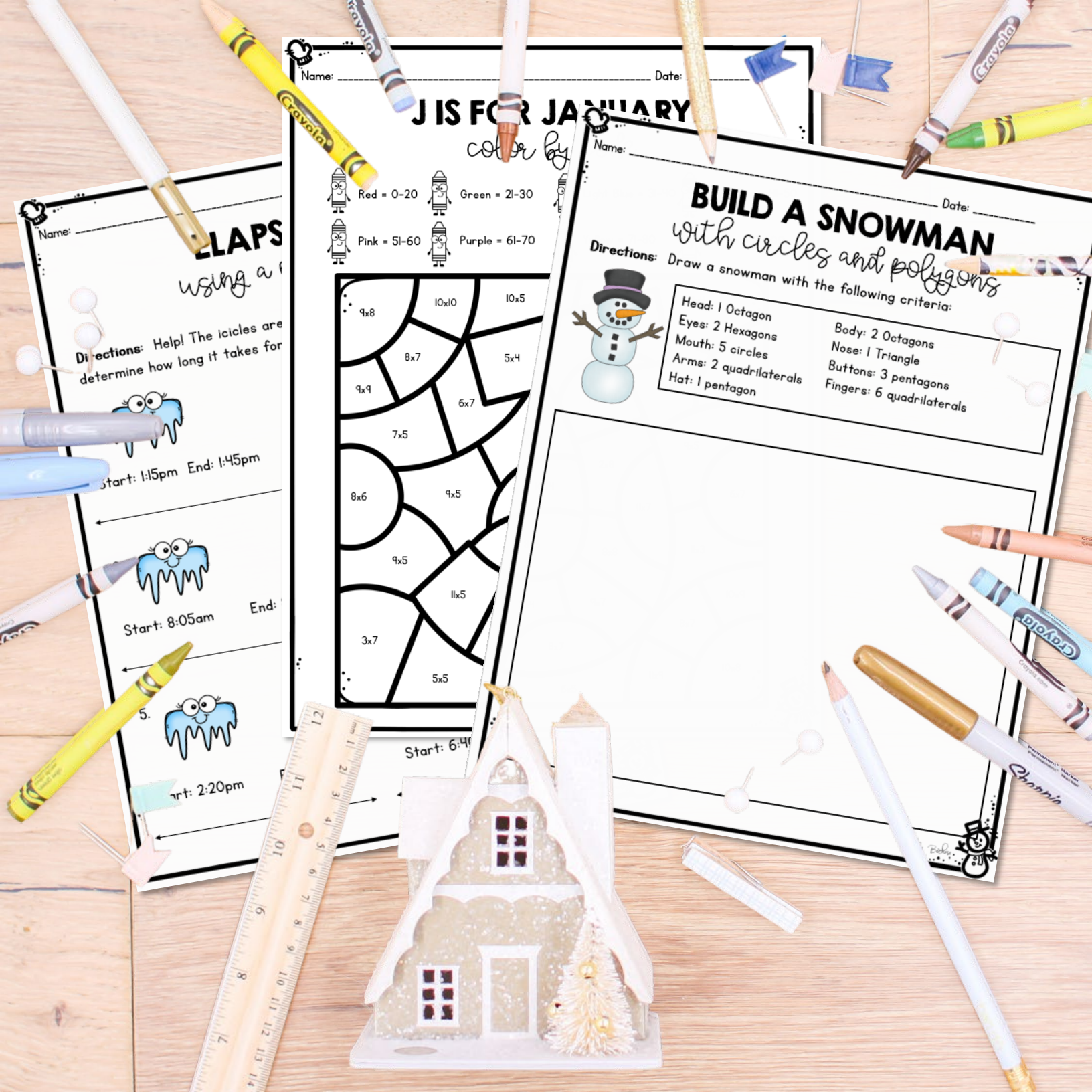
Start: 1:15pm End: 1:45pm

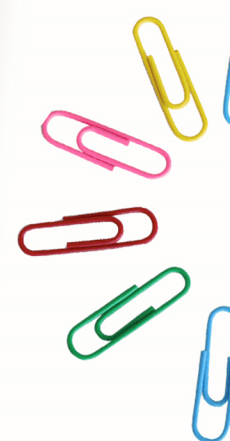


Start: 8:05am End: _____



Start: 2:20pm





Name: _____ Date: _____

IDENTIFYING EQUIVALENT FRACTIONS

with pizza

Directions: Brandon's class is having a pizza party for Valent's. What fractions are equivalent to the amount of each leftover? Draw a line to the equivalent fractions.

Name: _____ Date: _____

ESTIMATING LIQUID VOLUME

using liters

Directions: Estimate how much liquid volume there will be when each container is filled. Can each container hold *more than 1 liter*, *about 1 liter*, or *less than 1 liter*?

© 2018 Bebe



Name: _____ Date: _____

ST. PATRICK'S DAY

division color by code

Blue = 6 Yellow = 4 Black = 3 Orange = 2

Name: _____ Date: _____

FRACTION SORT

with equivalent fractions

Directions: Help the leprechaun sort the equivalent fractions!
Draw a line from each coin to the correct equivalent fraction on each pot of gold.

$\frac{1}{4}$

$\frac{2}{3}$

© Julie Bacher

Name: _____

Date: _____

MAY FLOWERS

division color by code



Purple = 3

Green = 2

Name: _____

Date: _____

FACT FLUENCY

crack the code

Solve each
down below and write the

Name: _____

Date: _____

FIND THE MISSING FACTOR

comparing numbers

Directions: Find the missing factor that makes the comparison correct.
Color in the box that shows the correct answer.

1. $3 \times \text{?} > 24$

5 9 8

2. $4 \times \text{?} < 36$

6 10 12

3. $9 \times \text{?} = 54$

5 7 6

4. $8 \times \text{?} > 70$

8 9 6

5. $6 \times \text{?} = 42$

6 7 9

6. $5 \times \text{?} < 40$

4 8 9


7. $2 \times \text{?} > 15$

10 6 7

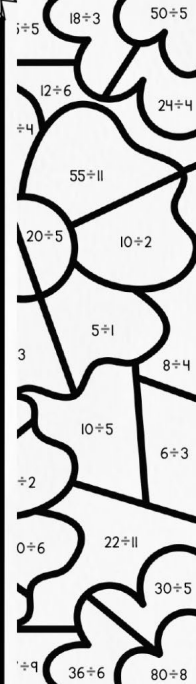
8. $7 \times \text{?} = 56$

7 9 8

r?

W	8 <u> </u> x6
0	5 <u> </u> x9
	

42



$18 \div 3$ $50 \div 5$
 $12 \div 6$ $24 \div 4$
 $55 \div 11$
 $20 \div 5$ $10 \div 2$
 $5 \div 1$ $8 \div 4$
 $10 \div 5$ $6 \div 3$
 $22 \div 11$
 $30 \div 5$
 $36 \div 6$ $80 \div 8$

© Julie Barber

© Julie Barber

© Julie Barber