

# Monthly Themed Math Practice

JANUARY

FEBRUARY

MARCH

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

5th Grade

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

**MIXED OPERATIONS**  
*word problems*

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

**TURKEY TROT**  
*word problems*

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

**MEASUREMENT**  
*convert ounces to pounds*

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

**ORDERING DECIMALS**  
*from least to greatest*

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

**CALCULATING VOLUME**  
*of valentine's presents*

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

**SOLVE AND MATCH**  
*word problems*

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

**PLACE VALUE**  
*rounding decimals*

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

**MEMORIAL DAY**  
*decimal path*

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

**PARTY IN THE USA**  
*adding pizza fractions*

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

**COLLECTING SEASHELLS**  
*rounding decimals*

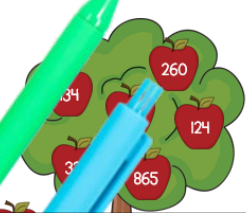
Name: \_\_\_\_\_ Date: \_\_\_\_\_

**BACK TO SCHOOL**  
*real addition and subtraction*

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

**APPLE TREE**  
*division*

**Directions:** The apples don't fall too far from the tree! Solve each problem inside each basket. Then draw a line from the basket to the apple with the correct answer.



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

**WITCHES BREW**  
*comparing decimals*

**Directions:** These witches love to make brew with decimals greater than 19.635. Draw a line from the brew to the witch whose brew is greater than 19.635.

19.2      19.62      19.6



# Color and Blackline versions



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

## SOLVE AND MATCH

*word problems*

Directions: Help the leprechaun solve the word problems. Then, draw a line to the pot of gold that represents the correct answer.

- Bailey the Leprechaun is running laps to practice his speed. He ran  $2\frac{3}{4}$  laps on Monday and  $3\frac{2}{3}$  laps on Tuesday. How many laps did he run altogether in the two days?
- Cindy the Leprechaun is searching for the pot of gold at the rainbow. On Saturday, she searched for  $4\frac{1}{4}$  hours and finished on Sunday. How much longer did she search on Sunday than Saturday?
- Colin the Leprechaun and his family are looking for pieces of gold. Colin found  $6\frac{1}{2}$  pieces. His brother found  $3\frac{3}{4}$  pieces. How many pieces of gold did they find altogether?
- Rilly the Leprechaun is baking special St. Patrick's cupcakes. The cookies call for  $4\frac{1}{2}$  cups of flour and  $3\frac{3}{4}$  of flour. How much flour will she need altogether?
- Fiona the Leprechaun walked  $8\frac{1}{4}$  miles from her home in search of the pot of gold. If the pot of gold is  $10\frac{7}{8}$  miles from her home, how much further does she have to walk?

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

## ST. PATRICK'S DAY

*division color by code*

Green =	Blue =	Orange =	Black =	Yellow =
$80 \overline{) 3,600}$	$92 \overline{) 6,256}$	$63 \overline{) 4,536}$	$38 \overline{) 2,090}$	$75 \overline{) 6,150}$



Color and  
Blackline  
versions



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

### DECK THE HALLS

*ordering decimals from least to greatest*

Directions: Put the decimals in order from least to greatest. Write in each stocking.

1. 25      0.1      5.0      0.01

2. 2      0.3      1.05      3.0

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

### DECK THE HALLS

*ordering decimals from least to greatest*

Directions: Put the decimals in order from least to greatest. Write the fractions in each stocking.

1. 25      0.1      5.0      0.01      0.25

2. 0.3      1.05      3.0      1.15      0

# Color and Blackline versions

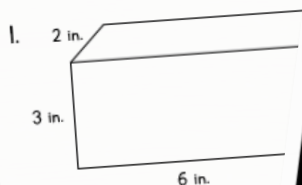
Name: \_\_\_\_\_ Date: \_\_\_\_\_

## VOLUME

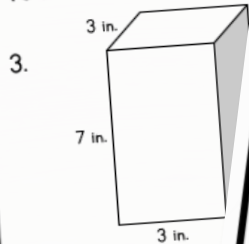


with

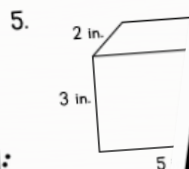
Directions: Help! The ice cube figure before it melts!



Volume: \_\_\_\_\_



Volume: \_\_\_\_\_



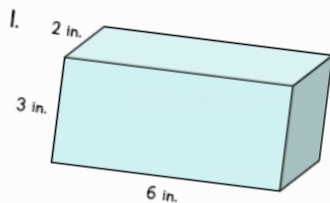
Volume: \_\_\_\_\_

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

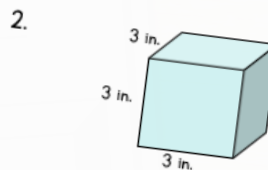
## VOLUME

with ice cubes

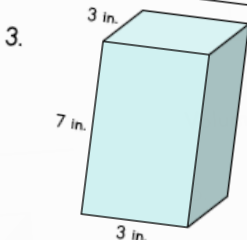
Directions: Help! The ice cubes are melting! Find the volume of each figure before it melts!



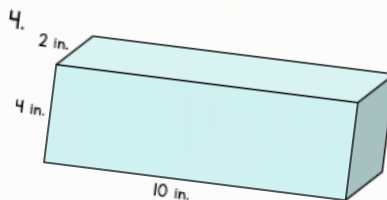
Volume: \_\_\_\_\_



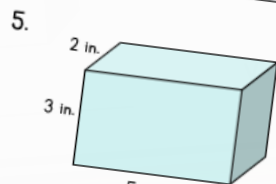
Volume: \_\_\_\_\_



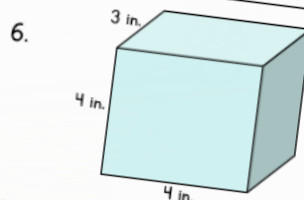
Volume: \_\_\_\_\_



Volume: \_\_\_\_\_



Volume: \_\_\_\_\_



Volume: \_\_\_\_\_









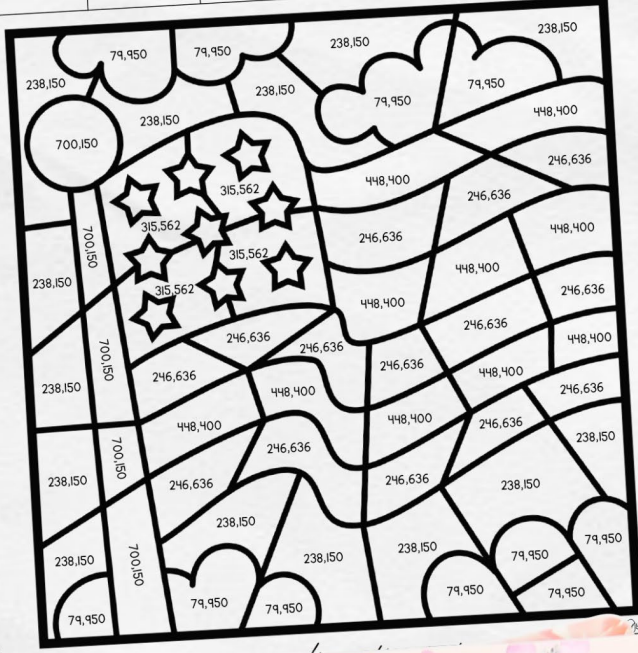
# Color and Blackline versions

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

## MEMORIAL DAY

*multiplication color by code*

Dark Blue	Light Blue	Red	White	Yellow	Gray
 458 <u>x689</u>	 325 <u>x246</u>	 760 <u>x590</u>	 612 <u>x403</u>	 866 <u>x275</u>	 950 <u>x737</u>




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


## FIND THE MISSING ADDEND

*comparing decimals*


Find the missing addend that makes the comparison correct.  
A box that shows the correct answer.

1.  > 3.2  
 2     13

2.  $2.6 + \text{flower icon} < 4.3$   
 22     21     15

3.  = 4.9  
 21

4.  $2.4 + \text{flower icon} > 3.7$   
 1.2     0.6     2.2

5.  = 1.5  
 1.9

6.  $3.9 + \text{flower icon} < 6.5$   
 4.4     2.3     4.1

7.  $\text{flower icon} > 1.8$   
 1.9

8.  $5.4 + \text{flower icon} = 7.9$   
 2.3     2.7     2.5

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# 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

$4 \div 1$	$8 \div 2$	$12 \div 3$	$16 \div 4$
$2 \div 1$	$100 \div 10$	$36 \div 6$	$40 \div 8$
$4 \div 2$	$20 \div 10$	$6 \div 3$	$30 \div 6$
$20 \div 10$	$10 \div 2$	$5 \div 1$	$45 \div 9$
$10 \div 5$	$25 \div 5$	$22 \div 11$	$12 \div 6$
$20 \div 4$	$15 \div 3$	$14 \div 7$	$18 \div 9$
$20 \div 5$	$32 \div 8$	$16 \div 8$	$90 \div 9$
		$54 \div 9$	$36 \div 9$
		$40 \div 10$	



- Variety of 5<sup>th</sup> Grade Skills
- Great for spiral review and repeated progress.

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.

START

$$\begin{array}{r} 14.62 \\ -2.24 \\ \hline \end{array}$$

11.62

$$\begin{array}{r} 83.55 \\ +4.31 \\ \hline \end{array}$$

15.60

$$\begin{array}{r} 126.05 \\ -89.3 \\ \hline \end{array}$$

36.75


$$\begin{array}{r} 337.2 \\ +10.49 \\ \hline \end{array}$$

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

## DECIMAL SORT

*comparing decimals*

Directions: Help the leprechaun sort the coin to the correct pot of gold.



15.751      15.749

14.899      18.855      16.75

15.76      15.735


















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

## MUTLIPICATION

*with decimals*

Directions: Multiply each decimal to find the product.

 $\begin{array}{r} 5234 \\ \times 9.09 \\ \hline \end{array}$	 $\begin{array}{r} 64.48 \\ \times 2.13 \\ \hline \end{array}$	 $\begin{array}{r} 4005 \\ \times 5.57 \\ \hline \end{array}$
 $\begin{array}{r} 43.66 \\ \times 5.91 \\ \hline \end{array}$	 $\begin{array}{r} 86.72 \\ \times 7.712 \\ \hline \end{array}$	 $\begin{array}{r} 72.35 \\ \times 12.68 \\ \hline \end{array}$
 $\begin{array}{r} 19455 \\ \times 3.09 \\ \hline \end{array}$	 $\begin{array}{r} 219.39 \\ \times 2.71 \\ \hline \end{array}$	 $\begin{array}{r} 55.21 \\ \times 4.29 \\ \hline \end{array}$
 $\begin{array}{r} 78.57 \\ \times 2.45 \\ \hline \end{array}$	 $\begin{array}{r} 116.07 \\ \times 4.84 \\ \hline \end{array}$	 $\begin{array}{r} 25017 \\ \times 6.84 \\ \hline \end{array}$
 $\begin{array}{r} 55.00 \\ \times 24.62 \\ \hline \end{array}$	 $\begin{array}{r} 91.67 \\ \times 0.32 \\ \hline \end{array}$	 $\begin{array}{r} 85.72 \\ \times 7.13 \\ \hline \end{array}$



- Variety of 5<sup>th</sup> Grade Skills
- Great for spiral review and repeated progress.



2.



4.



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

## ORDER OF OPERATIONS



*solve a*

**Directions:** Help the elves use order. Then, find and circle your answer.

1	5	4	3
2	4	6	8
8	1	7	5
1	2	3	5
3	0	8	9
4	6	1	7
5	2	5	0
7	0	8	3

1.  $9 \times 6 + 5$

2.  $14 + 7$

4.  $7 \times 8 + 9 \times 3$

5.  $153 - 7$



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

## MEASUREMENT

*convert ounces to pounds*

**Directions:** Review the weight of each gift below. Then, convert the weight of each gift from ounces to pounds.

**Key**  
16 ounces = 1 pound

1.



3.



2.



4.





- Variety of 5<sup>th</sup> Grade Skills
- Great for spiral review and repeated progress.

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

## COMPARING DECIMALS

*with hot*

**Directions:** Which glass of hot cocoa has more hot cocoa? Compare the decimals using the symbols  $>$ ,  $<$ , or  $=$  inside the marshmallows.

1.



3.



5.



7.



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

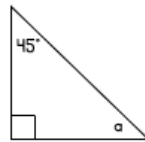
## IDENTIFYING TRIANGLES

*and missing angles*



**Directions:** Help the Yeti identify each triangle and missing angle! Write the angle in degrees and the name of each triangle on the lines (acute, obtuse, right).

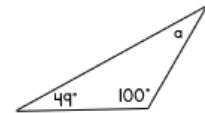
1.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_

2.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_

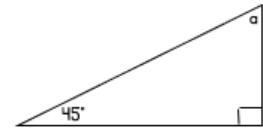
3.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_

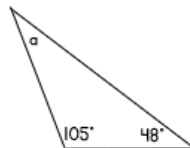
4.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_

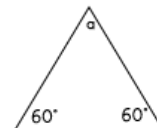
5.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_

6.



$a =$  \_\_\_\_\_

Type of Triangle: \_\_\_\_\_



- Variety of 5<sup>th</sup> Grade Skills
- Great for spiral review and repeated progress.

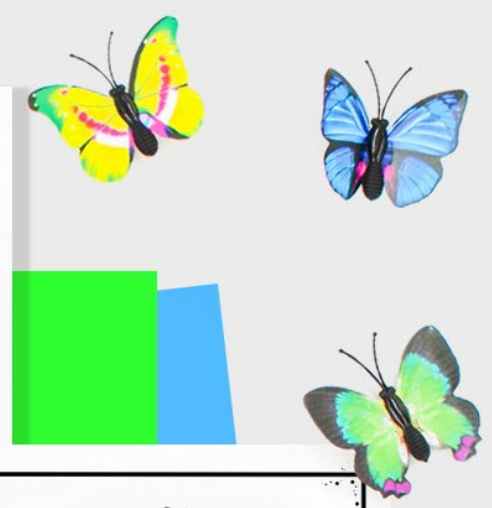
Name: \_\_\_\_\_ Date: \_\_\_\_\_

## 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 3<sup>rd</sup> 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 5<sup>th</sup> Grade Skills
- Great for spiral review and repeated progress.


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: What did the ghost say on Memorial Day?

<b>R</b> $\begin{array}{r} 452 \\ \times 454 \\ \hline \end{array}$	<b>H</b> $\begin{array}{r} 523 \\ \times 631 \\ \hline \end{array}$	<b>D</b> $\begin{array}{r} 755 \\ \times 376 \\ \hline \end{array}$	<b>W</b> $\begin{array}{r} 847 \\ \times 668 \\ \hline \end{array}$
<b>N</b> $\begin{array}{r} 927 \\ \times 109 \\ \hline \end{array}$	<b>E</b> $\begin{array}{r} 653 \\ \times 714 \\ \hline \end{array}$	<b>T</b> $\begin{array}{r} 896 \\ \times 868 \\ \hline \end{array}$	<b>O</b> $\begin{array}{r} 555 \\ \times 955 \\ \hline \end{array}$
<b>B</b> $\begin{array}{r} 400 \\ \times 800 \\ \hline \end{array}$	<b>I</b> $\begin{array}{r} 183 \\ \times 159 \\ \hline \end{array}$	<b>A</b> $\begin{array}{r} 921 \\ \times 971 \\ \hline \end{array}$	

5,208   6,242   3,880   5,746   330,013   9,047   777,728   6,242  
 894,241   101,043   283,880   320,000   530,025   530,025


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

## MEMORIAL DAY

*decimal path*

Day! Color in the decimals that are greater

8	5.71	6.92	9.021	5.62
	5.61	5.21	5.650	5.05
	4.045	5.063	6.651	3.981
	3.908	5.165	10.342	1.554
	5.85	7.128	5.562	4.2
	1.754	1.09	4.65	5.052
	9.05	8.65	10.00	

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

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

# GEOMETRY CHALLENGE

## counting volume

Directions: Help! Can you solve each of the leprechaun's requests? Find the volume for numbers 1-4. For numbers 5-6, draw a solid object with the requested volume. Then, draw your own for numbers 7-8.



1. What is the volume?



2. What is the volume?



\_\_\_\_\_ cubic cm

4. What is the volume?



\_\_\_\_\_ cubic cm

6. What is the volume?

10 cubic cm

8. What is the volume?

\_\_\_\_\_ cubic cm

© 2016 Pops



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

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



# ST. PATRICK'S DAY

## line plot







Directions: It was a rainy month in Ireland! Colin the Leprechaun collected data for every day that it rained and recorded the data in the chart. Create a line plot to represent the data.

Number of Days	Rain (inches)
1	2 in.
3	$3\frac{1}{4}$ in.
2	$2\frac{1}{2}$ in.
4	$\frac{1}{4}$ in.
8	$1\frac{3}{4}$ in.
5	$4\frac{1}{4}$ in.



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

Blue  327 x 264	Yellow  137 x 54
Orange  900 x 713	Red  5 x 1

ROUNDED  
cookie

Directions: Round each number on  
Then, draw a line to match the plat

24.532

68.985

52.749

12.914

74,802    641,700    641,700

641,700    641,700

86,328    641,700

641,700    641,700

74,802    257,388

641,700

86,328    257,388

641,700    257,388

74,802    257,388

86,328    6,532

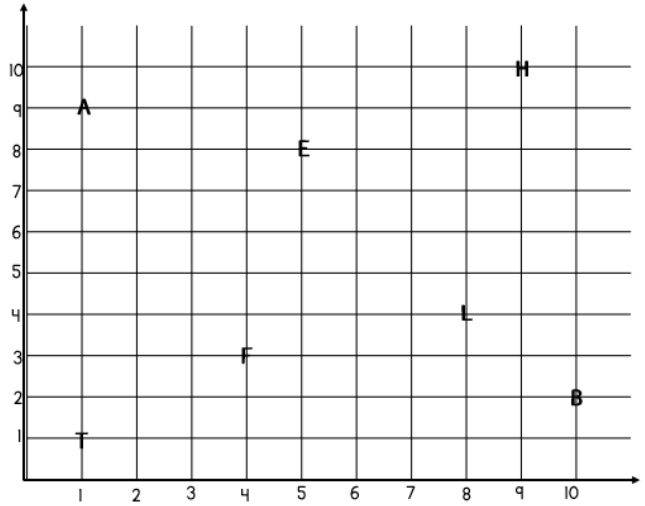
Name: \_\_\_\_\_ Date: \_\_\_\_\_

# ORDERED PAIRS

crack the code

Directions: Write the corresponding letter for each ordered pair to solve the riddle below.

What does an elf study in school?



- (5,8) (8,4) (4,3) (1,9) (10,1) (5,8) (1,1)







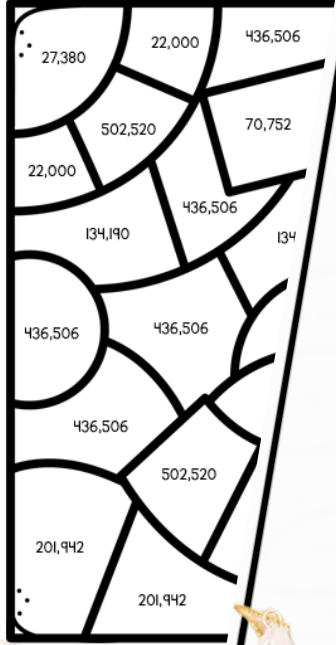
©2015 Parker

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

# J IS FOR JANUARY

color by

-  Red = 201 x352
-  Green = 863 x234
-  Pink = 739 x680
-  Purple = 982 x824



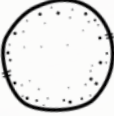




Name: \_\_\_\_\_

## SNOW

improper

Directions: Write each improper mixed numbers inside the snow

- $\frac{9}{4} =$  
- $\frac{58}{7} =$  
- $\frac{74}{5} =$  
- $\frac{16}{6} =$  
- $\frac{80}{3} =$  

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

## ORDERED PAIRS

crack the code

Directions: Write the corresponding letter for each ordered pair to solve the riddle below.

What do snowmen call their kids?

9									
8		H							
7					E				
6									
5			D				R		
4									
3					L				
2			N						
1									
	1	2	3	4	5	6	7	8	9

Write your answers in the boxes below:

10.  $\frac{2}{8}$   $\frac{1}{2}$   $\frac{5}{3}$   $\frac{5}{3}$   $\frac{3}{5}$   $\frac{8}{6}$   $\frac{6}{8}$





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

## ♥ CALCULATING VOLUME ♥

*on Valentine's presents*

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

## VALENTINE'S DAY

*division color by code*

Purple = 13) 5525	Red = 50) 4650	Green = 26) 5096	Yellow = 30) 3660	Pink = 19) 5358	Blue = 47) 5402	White = 18) 3492
----------------------	-------------------	---------------------	----------------------	--------------------	--------------------	---------------------

Each Valentine's Day present below.

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

## FRACTIONS

*denominators*

Applying the rule. Write the



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

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



# EARTH DAY

## pictograph



Jasmine and her friends collected trash in their community for 1 month. They recorded the number of bottles they found in the chart. Use the pictograph and key for the data. Then, answer the questions.

Friends	Number of Bottles Found
Jasmine	8
Nelle	16
Quincy	12
Coralee	8
Flynn	4

Key =

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Jasmine? \_\_\_\_\_

Nelle? \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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

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

# FACT FLUENCY

## crack the code

Directions: Can you crack the code? Solve each multiplication problem. Then, find the corresponding letter on the line.

Riddle: Why couldn't the flower...

I	S
$\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$	
A	L
$\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$	

$$\begin{array}{r} 56 \\ \times 48 \\ \hline \end{array}$$

$$\begin{array}{r} 40 \\ \times 55 \\ \hline \end{array}$$



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

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

# NUMBER SEQUENCES

## with eggs



Directions: Spring has arrived! Help the bunny find the missing number to complete each sequence.

1.

2.

3.

4.

5.





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



# ROUNDING DECIMALS



to the nearest tenth, hundredth,  
and thousandth

to the nearest tenth.

3. 1.087 = \_\_\_\_\_

6. 1.109 = \_\_\_\_\_

9. 0.638 = \_\_\_\_\_

12. 6.211 = \_\_\_\_\_

15. 4.798 = \_\_\_\_\_

18. 5.636 = \_\_\_\_\_

21. 84.2397 = \_\_\_\_\_

24. 2.8001 = \_\_\_\_\_

27. 28.8116 = \_\_\_\_\_

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

# MAY FLOWERS

division color by code

Dark Blue



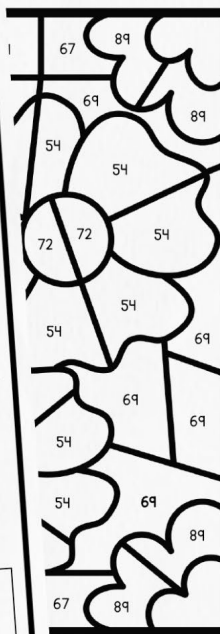
Yellow



Green

$98 \overline{) 8,232}$

$37 \overline{) 2,553}$



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



# MEMORIAL DAY



recipes

**Directions:** Kelly is baking two recipes for her Memorial Day cook-out. She needs to adjust the recipes to have enough food for family and friends. Review the recipes below and adjust according to the directions.

## Potato Salad

- 6 medium potatoes
- 6 green onions
- $\frac{3}{4}$  tsp salt
- black pepper
- $2\frac{1}{2}$  tbsp white vinegar
- $1\frac{1}{2}$  cups mayonnaise

- 5 hard-boiled eggs
- 2 celery stalks
- $\frac{3}{4}$  tsp
- 1 tbsp mustard



Double the recipe above and record the new recipe below:

- \_\_\_\_\_ potatoes
- \_\_\_\_\_ hard-boiled eggs
- \_\_\_\_\_ green onions
- \_\_\_\_\_ celery stalks
- \_\_\_\_\_ salt
- \_\_\_\_\_ black pepper
- \_\_\_\_\_ white vinegar
- \_\_\_\_\_ mustard
- \_\_\_\_\_ mayonnaise

## Lemonade

- $1\frac{3}{4}$  cup sugar
- 9 medium lemons

- $1\frac{1}{2}$  cup water
- 6 cups ice-cold water



Triple the recipe above and record the new recipe below:

- \_\_\_\_\_ sugar
- \_\_\_\_\_ water
- \_\_\_\_\_ medium lemons
- \_\_\_\_\_ ice-cold water

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