Dear Parents and Guardians,

I am so excited to teach your child next year! They are a fantastic group of learners and future leaders. I hope you and your family have a relaxing summer that allows you to make memories and spend plenty of time outside.

That being said, I have also seen firsthand that working on academic skills with your child throughout the summer can help them to feel ready for the new material they will take on next year. Continuing to read daily, as they have done throughout the school year, and completing a few math review pages each week will keep their minds sharp! Please prioritize practicing addition, subtraction, multiplication, and division facts to make for a smoother transition to 3rd grade. This packet contains many of the skills they learned in 2nd grade. It is optional but recommended!

Warmly,
Mrs. Riegel

SUMMER READING CHALLENGE

Read six grade level appropriate books this Summer. Draw a scene from the book and write about why or why not you would recommend the book to a friend.

1

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

_____

_____

_____

_____

☆ ☆ ☆ ☆ ☆

2

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

_____

_____

_____

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☆ ☆ ☆ ☆ ☆

3

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

_____

_____

_____

☆ ☆ ☆ ☆ ☆

4

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

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5

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

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☆ ☆ ☆ ☆ ☆

6

TITLE_____

AUTHOR_____

BOOK RECOMMENDATION_____

_____

_____

_____

_____

☆ ☆ ☆ ☆ ☆

TRACK YOUR READING Minutes

START HERE

Color a section each time you read 20 minutes.

20
40
60
80
100
120
140
160
180
200
220
240
260
280
300
320
340
360
380
400
420
440
460
480
500
520
540
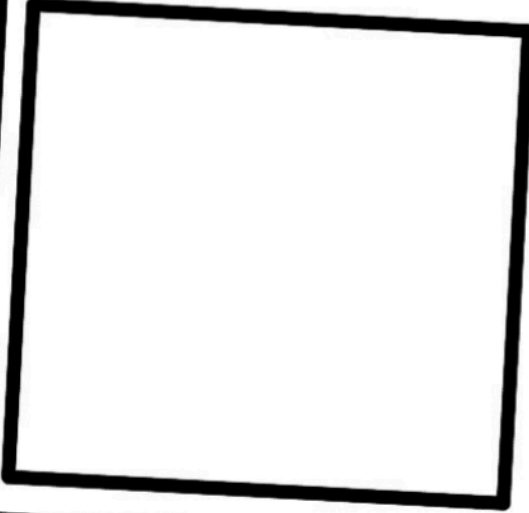560
580
600

CONE—GRATULATIONS
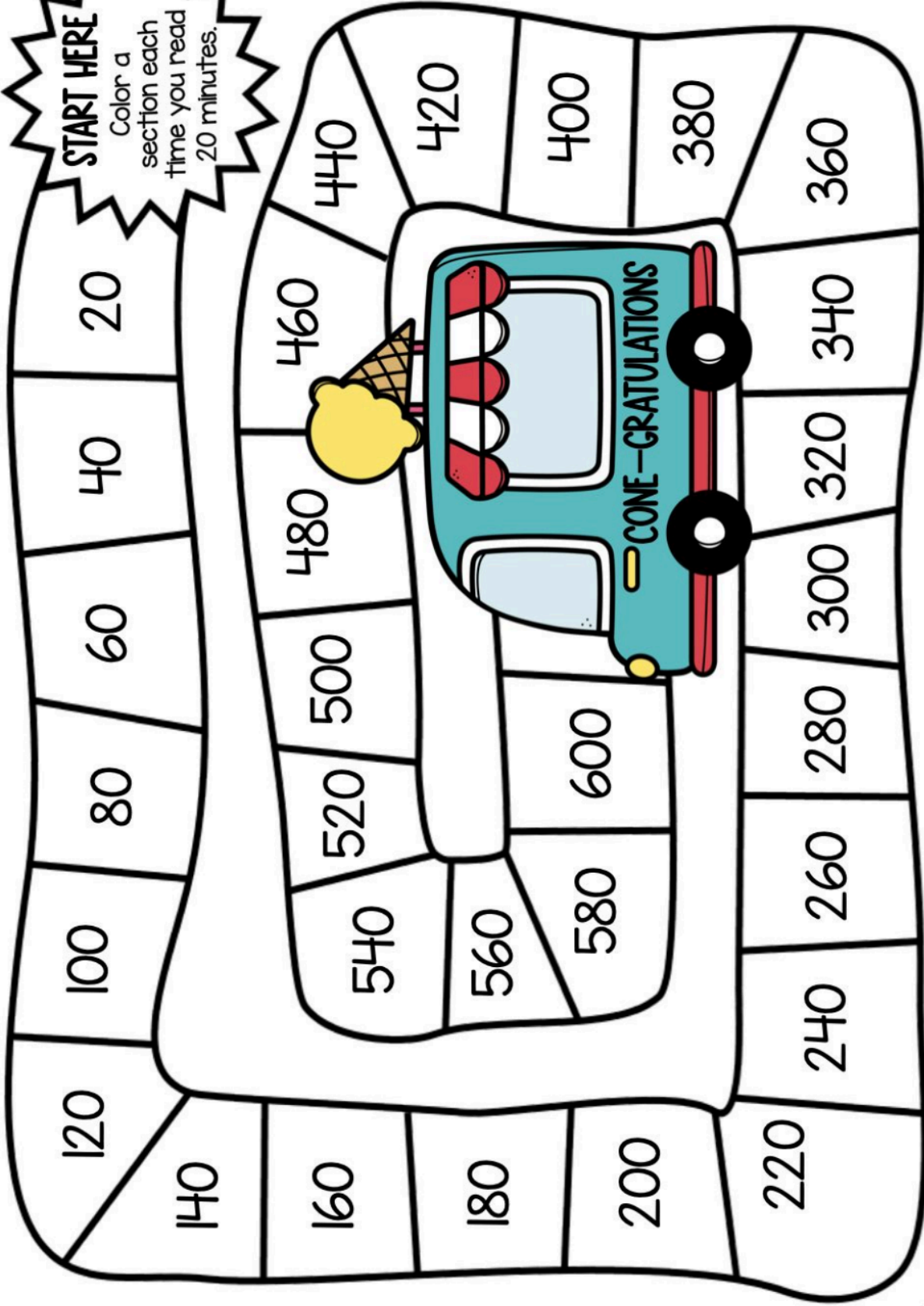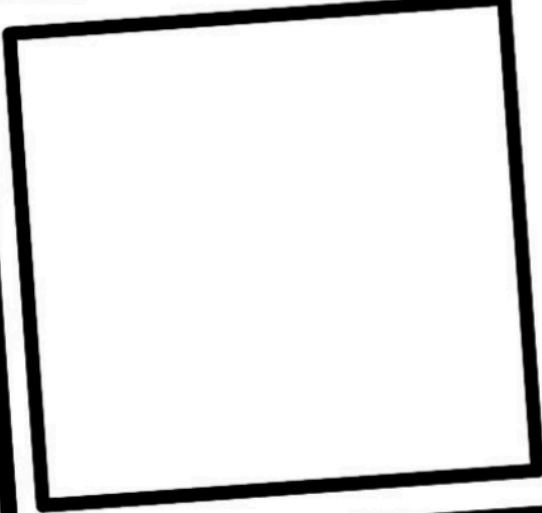
Fact SNAPSHOTS

NAME:
DATE:

Directions: Draw snapshot pictures to show three interesting facts that you learned. Explain your snapshots on the lines below.
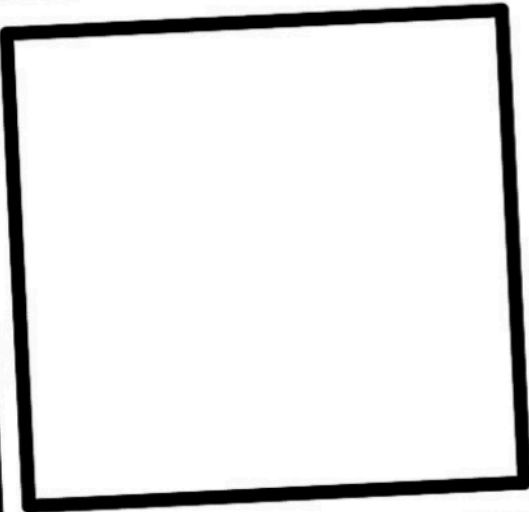
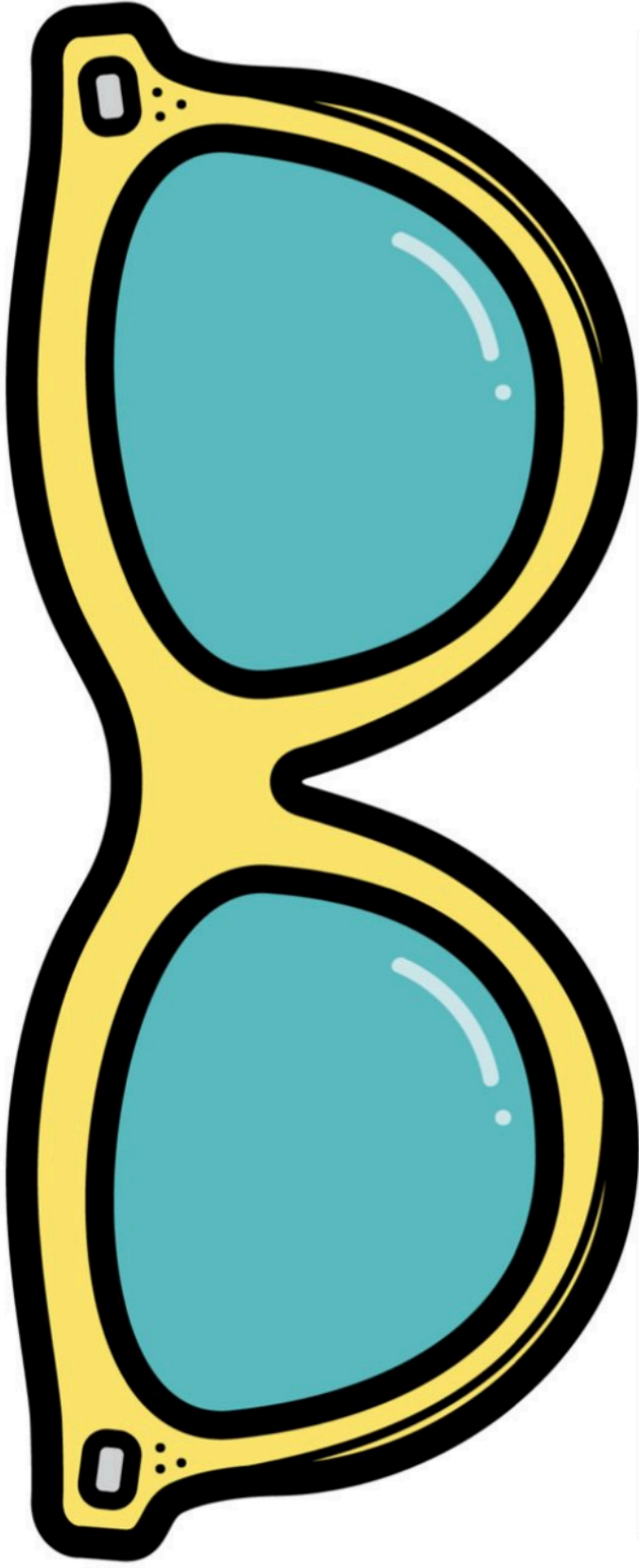Interesting Fact #1:.

Interesting Fact #2:.

Interesting Fact #3:.

VISUALIZE the Text

NAME: _____

DATE: _____

F & NF

Directions: What did you visualize as you read your book? Draw two scenes in the sunglasses that you were able to picture in your mind while reading. Explain what you visualized in the chart below.
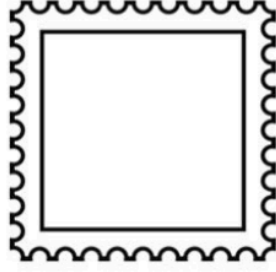
NAME:

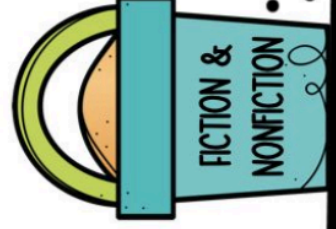# POSTCARD TO THE Author

DATE:

Directions: Write a postcard to the author of your book. Be sure to include your opinion of the book, questions you have, and ideas for a next book. Draw a picture on the stamp to represent something important from the book.

FICTION & NONFICTION

575 - 314	632 - 388	587 - 553	945 - 331	370 - 113
596 - 121	788 - 625	147 - 113	464 - 161	867 - 522
610 - 515	566 - 121	573 - 512	241 - 192	379 - 142
640 - 111	853 - 255	341 - 303	821 - 177	711 - 180
990 - 386	866 - 755	964 - 261	990 - 868	948 - 835

Color by Place Value

Directions: Color picture using the code below.

| red | 5 in the hundreds | | yellow | 2 in the ones |
| green | 3 in the tens | | blue | 6 in the hundreds |
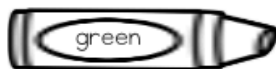
687 698 673 812
624 212 442 922
601
238
614 792
730 690 619
680 641
600 643
634 688 608
938 611
657
695 627 138 574 699
693 620 655 510
606
772 641 597 617 677
543
688 628 684 623
696 585
102 609 687 663
742 472 292 699 628
674
982 892 603 653
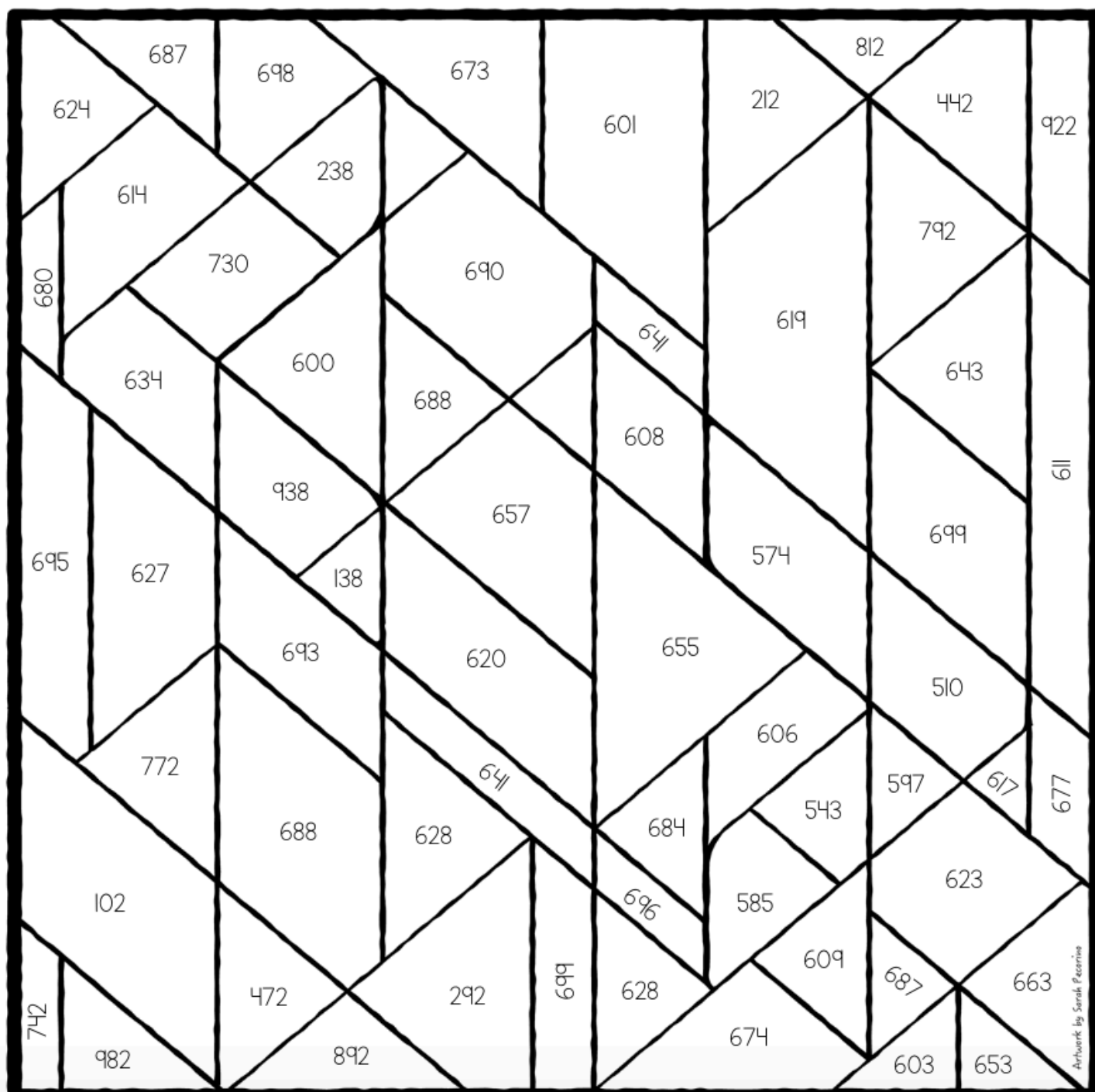
Name: _____

Favorite Ice Cream Pictograph

Mrs. French and Mr. Miskey are planning a party for their classes. The students are asked to vote for their favorite ice cream flavor. The list below are the results.

Chocolate - 8
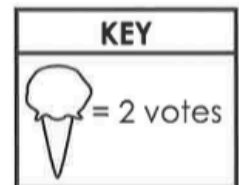
Vanilla - 7

Chocolate Chip - 13

Cookie Dough - 8

Strawberry- 5

Use the information from the list to complete the pictograph below and answer the questions.

Flavor	Number of Votes
Chocolate	
Vanilla	
Chocolate Chip	
Cookie Dough	
Strawberry	

KEY

= 2 votes

1. What two flavors did the students like the least?

1. _____

2. How many students voted for either cookie dough or strawberry?

2. _____

3. How many more students voted for chocolate chip than vanilla?

3. _____

4. How many votes were there in all?

4. _____

MULTIPLICATION SONGS and TRICKS

ZEROS (0'S)

When you multiply by zero, the product is always zero.
3 X 0 = 0

ONES (1'S)

When you multiply by 1, the product will always be the other factor.
5 X 1 = 5

TWOS (2'S)

Just count by 2's or double your number.

2, 4, 6 , 8, …

2 X 2 = 4
2 X 8 = 16

THREES (3'S)

Sing 3's to the tune of Jingle Bells.

3,6,9 – 12,15 – 18,21 – 24, 27, 30, 33

FOURS (4'S)

Sing 4's to the tune of Row Your Boat.

4,8,12,16 – 20, 24 – 28,32, and 36, 40, 44

FIVES (5'S)

Just count by 5's!

5, 10, 15, 20, 25, 30, 35, 40, 45, 50

SIXES (6'S)

Take the other factor and hold up that many fingers. Count by 5's on each of those fingers, and then go back and count by 1's.

SEVENS (7'S)

Sing 7's to the tune of Happy Birthday.

7,14,21 – 28, 35 – 42,49 – 56, 63, 70

EIGHTS (8'S)

Sing 8's to the tune of This Old Man

8,16 – 24 – 32,40,48 – 56, 64, and 72 80, 88, and 96.

NINES (9'S)

Hold up your fingers. Bend down the finger of the other factor. Count the fingers on the left (3) and right of bent finger. (6).

Example: 9 x 4 = 36

Bend over finger #4

TENS (10'S)

When multiplying by 10, just take the other factor and add a 0!

5 X 10 = 50

ELEVENS (11'S)

When multiplying by 11's, first multiply the factor by 10, and then add one more of the factor,

10 X 8 + 8 = 88
11 X 8 = 88

TWELVES (12'S)

Take the other factor and multiply it first by 10, and then by 2, and add those.

12 X 4 = 10 X 4 + 2 X 4 = 48

#1 Subtraction Problem Search

Directions: Hidden within this puzzle are 17 subtraction problems. They may be positioned horizontally (left to right), or vertically (up to down).

$$\begin{array}{c}13 \\ - \\ 10 \\ = \\ 3\end{array}$$

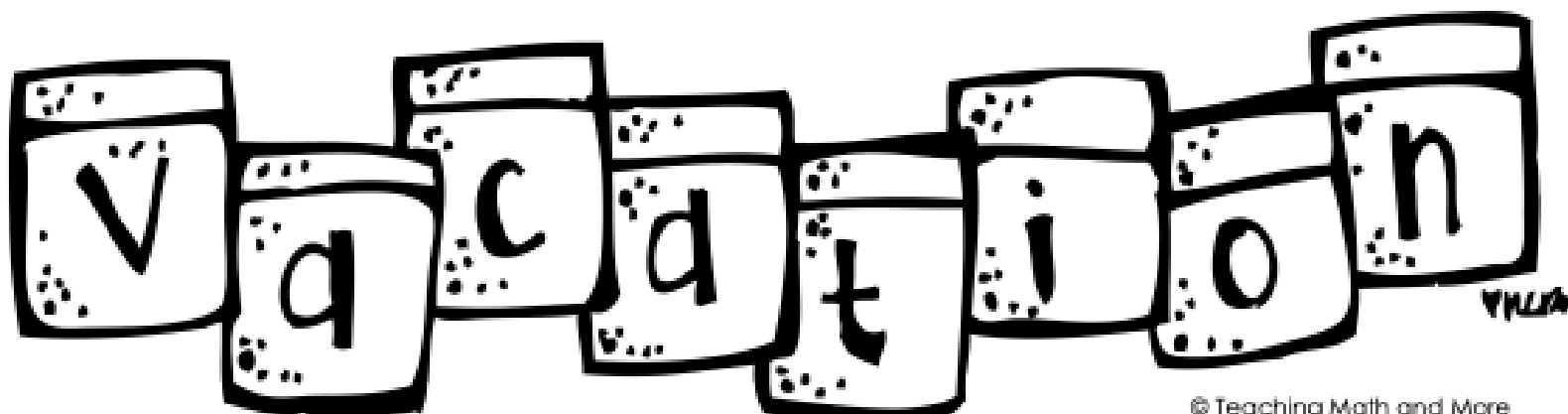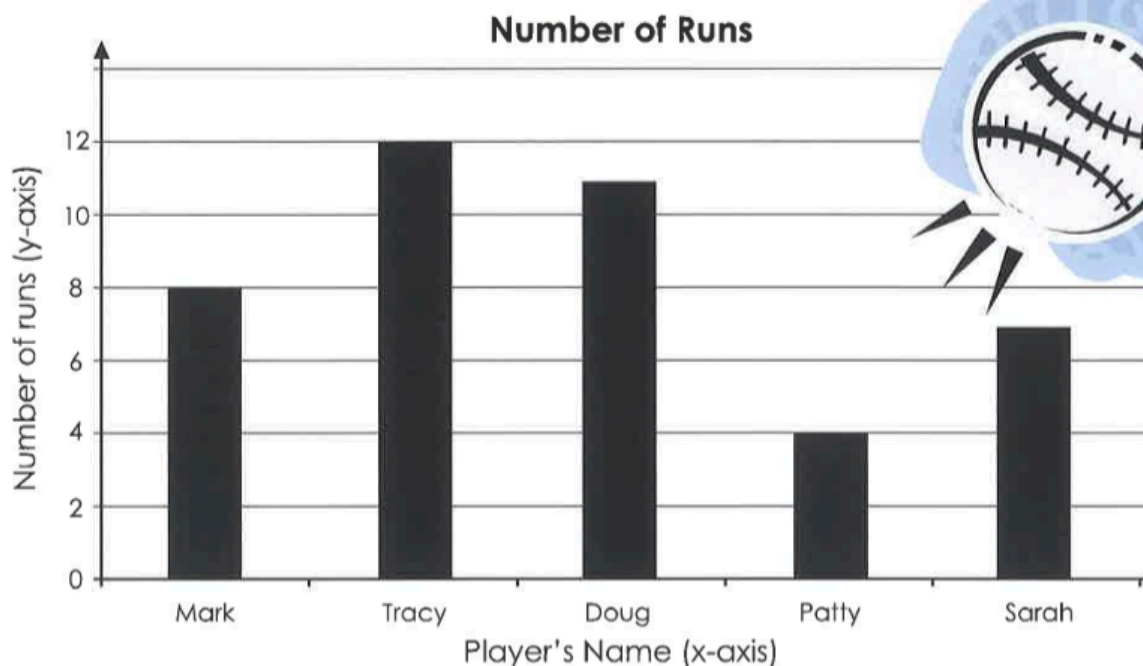| 13	12	5	7	7	4	3	8
10	7	4	3	5	13	5	8
3	3	8	5	3	7	8	13
5	1	4	4	8	13	4	6
1	6	6	3	6	7	4	7
6	2	11	1	2	6	3	8
3	4	3	8	9	5	4	5
3	3	8	2	8	4	4	3

Vacation

Name: _____

Baseball Bar Graph

The school baseball team keeps track of how many runs each player gets. Use the graph below to answer the questions.

Number of Runs

Number of runs (y-axis)

Player's Name (x-axis)

1. How many runs did Sarah have?   1. _____

2. How many runs did the player with the most runs have?   2. _____

3. How many more runs did Doug have than Sarah?   3. _____

4. How many fewer runs did Mark have than Tracy?   4. _____

5. How many runs did Mark and Patty have?   5. _____

6. Who has more runs: Mark and Doug or Tracy and Patty?   6. _____

7. Which two players' runs added together are less than Tracy's?   7. _____

8. Jose scores five more runs than Tracy.   8. _____
   How many runs did he score?

9. List the players in order, from fewest runs to most runs.

Fractions
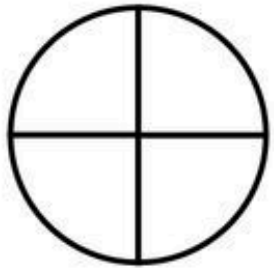
Color $\frac{1}{4}$

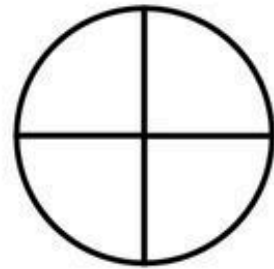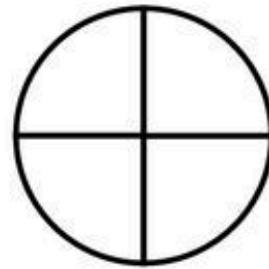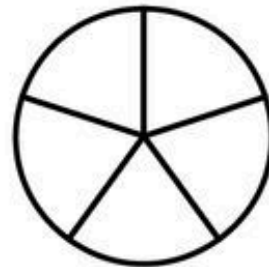Color $\frac{2}{5}$

Color $\frac{1}{3}$

Color $\frac{1}{5}$

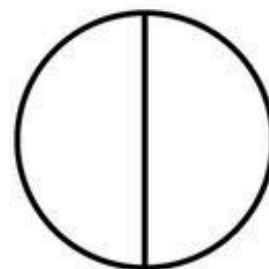Color $\frac{2}{4}$

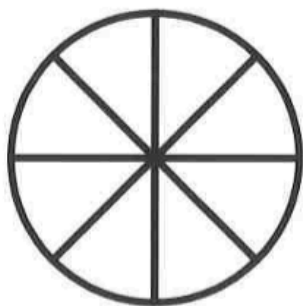Color $\frac{3}{4}$

Color $\frac{2}{3}$

Color $\frac{4}{5}$

Color $\frac{3}{5}$

Color $\frac{1}{2}$

Colorful Fraction Circles

Color 3 parts red. Color 4 parts blue. Color 1 part green.

What fraction of the circle is red?   _____

What fraction of the circle is blue?   _____

What fraction of the circle is green?   _____

Color 1 part red. Color 2 parts yellow. Color the rest of the circle green.

What fraction of the circle is red?   _____

What fraction of the circle is yellow?   _____

What fraction of the circle is green?   _____

Color half of the circle orange. Color 1 part purple. Color 1 part brown.

What fraction of the circle is orange? _____

What fraction of the circle is purple? _____

What fraction of the circle is brown? _____

Color 3 parts blue. Color 5 parts green.

What fraction of the circle is blue?   _____

What fraction of the circle is green?   _____

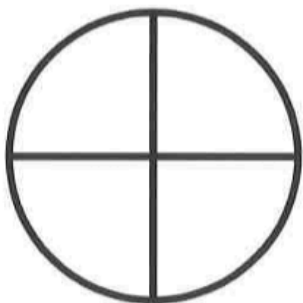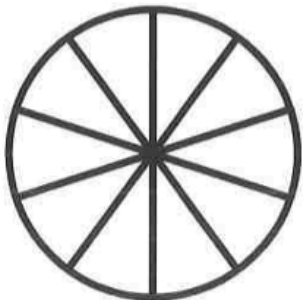What fraction of the circle is not colored? _____
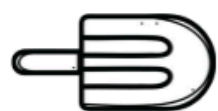
Summer Riddle
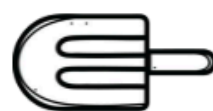
Directions: Solve the equations. Then, use the letters in the boxes to fill in the secret code down below to answer the riddle. Not all the letters will be used.

241 + 234 =	351 + 139 =	581 - 240 =	209 - 153 =
w	q	u	t
321 - 267 =	631 - 218 =	289 + 412 =	119 + 342 =
f	a	d	g
216 + 507 =	660 + 238 =	407 - 151 =	515 - 408 =
v	n	o	c
145 + 478 =	724 - 123 =	347 + 426 =	643 - 232 =
l	e	i	b

What gets wetter the more it dries?

___ ___ ___ ___ ___ ___

413   56 256 475 601 623

x5

COLOR BY PRODUCT

white 10 pink 15 purple 20 orange 25

yellow 30 green 35 red 40 blue 45

2x5 5x9 4x5 5x5 9x5 5x2

7x5 5x8

5x6 4x5

4x5 8x5 3x5 5x3 4x5

9x5 5x6

9x5 3x5 5x5

6x5 5x4

5x5

4x5 5x2

5x5 5x3

5x5 5x3

9x5

4x5 6x5 5x8 5x4

5x5 5x6

5x9 8x5 5x5

5x6 5x4 5x9 5x7

2x5 9x5 3x5 5x2

x3

NAME: _____

COLOR BY PRODUCT

brown 6   red 9   purple 12   orange 15
yellow 18   green 21   grey 24   blue 27

4x3   9x3   8x3   9x3   3x4
3x9   3x9   3x8
8x3   3x4   4x3
3x9   9x3
3x5   5x3   3x3
3x3   4x3   4x3   3x4
3x8   5x3
3x5   2x3
2x3   3x3   3x3
3x3   3x5   3x3
3x3   5x3
5x3   3x5   5x3   3x5
5x3   3x5
3x2   2x3   2x3   3x2
3x2   2x3   3x2   3x2
3x7   6x3   7x3   6x3   3x6

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Amazing Starfish

Directions: Read the passage 3 times. Color in a sea star each time. Then answer the questions.
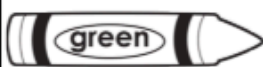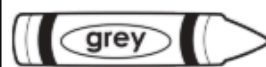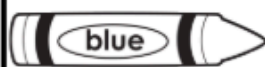
It is shaped like a star, but you won't see it in the sky. Starfish, also known as sea stars, live in the sea, but they are not fish. Starfish belong to a group called *echinoderms*. There are about 2,000 different kinds of starfish, and they live in the ocean. Starfish come in many colors. They can be red, orange, yellow, or coral. When people think of sea stars, they usually think of an animal with 5 arms, like a star. While most starfish have five arms, some of them have more. Some starfish have up to 40 arms! If a predator catches a sea star, the sea star can drop off its arm. When it loses an arm, it can grow another one! Another cool thing about starfish is the way they move. They cannot swim. Their legs are covered with hundreds of tube feet. They use them to crawl across the ocean floor. Starfish are amazing creatures!

1. What is special about a starfish's arms?

_____

_____

_____

2. What type of animal is a starfish?

_____

_____

3. How many types of sea stars are there?

_____

_____

4. What question do you still have about sea stars?

_____

Treat Money

Directions: Use the simple coin drawings to draw a set of coins you'd need to buy the treats in each box based on their cost at the top.

Simple Coin Drawings

(1)	(5)	(10)	(25)
penny	nickel	dime	quarter

Treat Costs

87 ¢	68 ¢	19 ¢	75 ¢

Draw the coins you need
to buy a lemonade.

Total: _____

Draw the coins you need
to buy a popsicle.

Total: _____

Draw the coins you
need to buy an ice cream.

Total: _____

Draw the coins you need
to buy a watermelon slice.

Total: _____

Draw the coins you need to buy a
watermelon slice and a lemonade.

Total: _____

Draw the coins you need to buy a
popsicle and an ice cream.

Total: _____