First Name: _____   Last Name: _____

Grade 5 Summer Math Assignment

*Each week we are asking students to work through the worksheets **without** the aid of a **calculator** or **math charts**. It is **extremely important** for students to build numeracy skills while applying previous knowledge and continuing to create connections. Students have already been exposed to these skills, and we want to make sure they keep them at the forefront of their memory while transferring to long term memory. Thank you for your help in this area and we look forward to having your student in 5th grade.*

Week 1

Directions: Work to complete the strip diagram, fill in the equation, and solve the problem. The first problem is completed for you as an example.

1 Over the last 5 weeks, the Beachville Fire Department rescued 110 cats that were stuck in trees. 15 were calico and the rest were black. They rescued the same number of cats each week. How many cats did they rescue each week?

Strip Diagram	Equation and Solution
Fill in the strip diagram. _____**110**_____ cats Week 1 | Week 2 | Week 3 | Week 4 | Week 5	**Fill in the equation.** __110__ ÷ __5__ = c Total # of cats # of weeks **Solve the problem.** I solved the problem by dividing 110/5. Once I solved the problem, I checked my work by multiplying 5 x 22 equals 110. I noted that it does not matter what type of cat they were rescuing because the question just asked for the number of cats. Solution: **22 cats**

2 Gary's rain barrel collects 25 cups of rain in every storm. How many cups of rain does it collect in 6 storms?

Strip Diagram	Equation and Solution
Fill in the strip diagram. Cups | Cups | Cups | Cups | Cups | Cups	**Fill in the equation.** _____ × _____ = c Cups of rain # of storms **Solve the problem.** Solution: _____

Directions: Work each problem below. Make sure you rewrite and line up your problem correctly before solving it. Remember to show your steps for solving the problem.

1. **Solve:** 84.5 + 0.8 430.9 - 43.2	2. **Find the product:** 9,251 x 73
3. **Find the quotient:** 5)798‾	4. **Simplify each fraction:** $\frac{15}{24}$ $\frac{35}{20}$
5. **Evaluate (solve) the expression.** [(8 x 7) – 2] ÷ 9 =	6. **Draw a model to represent the following problem.** 32 ÷ 8
7. **Write 0.9 as a fraction.**	8. **What is the place value of the underlined digit?** 74.<u>9</u>2 74.9<u>2</u>

Multiplication Practice – Week 1

Directions: Solve each square by using the correct color for the product. Use the table below to help with the color code. The first square is **2x6=12** so you will **color** the square **blue**. When you finish each square, it will reveal a picture that is connected to the title.

The Baseball Player

2x6	2x7	6x2	10x2	5x4	4x3	2x6	3x6	3x5	3x4	6x3	5x4	5x4	10x2	2x9	3x6	8x2	4x4	4x4
5x3	2x9	2x6	2x9	6x3	3x6	6x3	8x2	6x3	2x6	5x3	3x4	2x10	10x2	2x6	8x2	9x2	2x8	6x3
9x2	3x5	2x10	6x2	3x4	5x3	3x4	7x2	3x6	8x2	4x5	2x8	9x2	9x2	2x7	5x3	2x9	3x4	3x5
10x2	10x2	8x2	2x7	2x6	3x4	2x8	5x4	10x2	3x4	3x6	7x2	9x2	3x6	2x6	2x6	4x3	6x2	2x8
5x3	5x3	4x5	3x6	4x4	2x6	6x4	8x3	8x2	8x2	2x7	4x3	9x2	10x2	2x6	9x2	7x2	2x10	4x3
5x4	5x4	2x6	2x10	6x8	3x5	6x4	6x5	4x6	6x2	9x2	5x4	2x6	4x4	10x2	2x7	10x2	7x2	5x3
6x2	10x2	3x4	4x5	10x4	2x7	5x0	0x3	0x1	5x3	2x9	2x8	6x2	2x10	6x3	6x3	2x8	3x5	7x2
3x6	2x9	2x9	2x7	6x7	3x5	0x5	0x3	2x7	6x3	10x2	3x4	6x3	4x5	2x7	4x5	5x3	8x2	2x7
3x5	4x5	6x2	4x3	8x5	10x3	5x6	6x5	8x3	9x2	6x3	6x3	4x3	10x2	5x4	3x6	4x5	2x10	6x3
8x2	6x3	3x5	3x0	10x4	6x2	9x3	10x3	10x0	2x9	2x6	7x2	4x5	4x5	7x2	4x4	8x2	2x7	2x10
5x4	2x9	4x3	0x8	6x6	2x6	3x8	5x6	0x1	3x5	6x3	2x7	3x6	9x2			3x6	6x2	4x4
2x8	2x9	3x5	6x0	6x7	3x4	3x9	9x0	3x9	8x2	2x6	5x4	7x2	10x2			10x2	9x2	2x7
8x2	2x7	6x3	7x2	7x0	0x7	9x0	6x4	5x6	4x4	2x10	4x5	2x6	8x2	3x4	4x5	2x10	5x4	5x3
2x7	4x3	2x7	6x2	3x6	5x3	6x7	5x10	6x7	5x4	6x3	3x4	4x5	9x2	3x5	2x6	3x5	3x4	2x9
7x2	5x4	6x2	4x3	4x5	8x2	6x8	9x5	7x6	5x3	10x2	3x5	4x4	3x5	8x2	2x10	6x2	3x6	3x4
2x7	6x3	5x3	9x2	8x2	2x10	5x10	2x7	5x10	2x9	10x2	5x3	5x3	5x3	4x4	9x2	3x6	3x4	2x6
5x4	2x7	3x4	2x7	9x2	9x2	6x6	2x7	8x5	2x8	5x3	4x3	10x2	2x10	4x5	6x2	2x7	8x2	4x3
2x10	2x9	4x3	7x2	8x2	10x3	6x5	2x8	3x10	4x6	2x10	3x4	3x6	2x6	2x7	8x2	3x5	5x4	2x6
1x5	7x1	2x1	2x3	7x1	1x6	7x1	1x7	9x1	1x4	2x3	5x1	2x5	7x1	1x4	1x4	2x3	4x2	3x2
1x3	3x1	6x1	2x5	5x1	1x6	5x2	4x2	1x9	7x1	1x8	1x4	8x1	7x1	1x8	2x4	2x2	2x4	10x1

Color Key: (Note: *Blank squares are white)

0	Tan
1-10	Green
11-20	Blue
21-30	Red
31-50	Brown

Directions: Work each problem below. Make sure you rewrite and line up your problem correctly before solving it. Remember to show your steps for solving the problem. The first problem is completed for you as an example.

Testing the Sparkle Box

Problem	Solution

1 Zappo, the world's greatest magician, designed a new magical tool that he called the Sparkle Box. The Sparkle Box has 12 sides, and each side has 20 sparkling stars. How many stars are on the Sparkle Box?	**Solve the problem and explain how your process:**
	
	  12
	  x 20
	  00
	  +240
	  240
	
	I read the word problem and decided to know how many total stars would require the answer to be larger. This means I needed to use multiplication. I then multiplied 12 x 20 to get the solution 240 stars. I checked my answer by dividing 240 by 12 which gave 20 stars.
	
	Solution: 240 stars

2 Zappo decided to test the Sparkle Box inside his fireworks warehouse. He shot 1 firework out of each of 27 sides. The fireworks traveled 22 meters each. How many meters did the fireworks travel altogether?	**Solve the problem and explain how your process:** Solution: _____
3 That was a little too dangerous. Zappo took the Sparkle Box outside to try again. This time he launched 60 fireworks. Each firework zigged and zagged in 35 different directions. How many different directions did the fireworks zig and zag?	**Solve the problem and explain how your process:** Solution: _____

Directions: Solve each problem then write the answers below. After you have solved them, write the numbers that match the letters to find out facts about some of the planet's most dangerous animals on the next page. The first problem is completed for you as an example.

Dangerous Animals

1 495 ÷ 5	**2** 6052 ÷ 4	**3** 824 ÷ 4
4 1000 ÷ 5	**5** 2640 ÷ 8	**6** 567 ÷ 7

Write your answers below.

1. $\underline{}\ \underline{}$
      9   9
      T   J

2. $\underline{}\ \underline{}\ \underline{}\ \underline{}$
     B   P   L   D

3. $\underline{}\ \underline{}\ \underline{}$
     M   K   G

4. $\underline{}\ \underline{}\ \underline{}$
     C   A   K

5. $\underline{}\ \underline{}\ \underline{}$
     D   N   A

6. $\underline{}\ \underline{}$
   S   L

Directions: Fill in the numbers that match the letters for each problem to find out amazing facts about some of the world's most dangerous animals. Letter T has been completed for you as an example.

Giant squids live in oceans all over the world. They use _____ tentacles to catch their prey. Then they
C

bring it to their beak where they shred it with their tongue. Giant squids can grow up to _____
P   T
9

feet long, which is about as long as _____ trucks.
N

Great white sharks live in all the oceans. But they don't live near the north pole or south pole because the

water is too cold. They are only prey for killer whales. But they prey on all the other fish in the ocean. They

can grow to be nearly _____ feet long and have _____ _____ teeth. That's about
C   K   D   K   A

the same number as _____ adult humans.
L   A
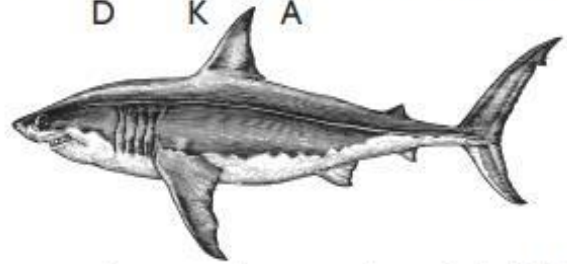
Sperm whales are fearsome creatures whose brains are ___ _____ times are large as a human's brain! They
P

feed on giant squids and other large sea creatures. Sperm whales can grow to be between _____
D   N

and ___ _____ feet long. That's about the same length as __ _____ or ___ _____ school buses.
G   D   B   M

Komodo dragons live on islands near Indonesia. Since they are the only predator on the islands, they grow to

be very large, about _____ feet long.   That's about the same size as _____ ordinary lizards.
J   L   S

They have about _____ teeth that regrow when one falls out.
G   K
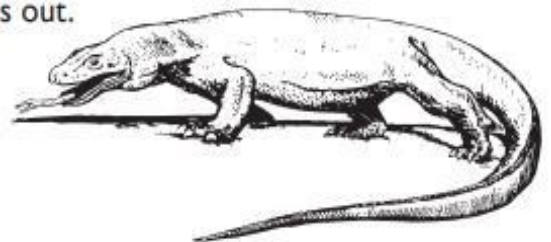
Division Practice – Week 2

Directions: Solve each square by using the correct color for the product. Use the table below to help with the color code. The first square is **30÷6=5** so you will **color** the square **blue**. When you finish each square, it will reveal a picture that is connected to the title.

Football

30÷6	54÷9	42÷7	60÷10	12÷2	30÷5	40÷8	5÷1	60÷10	60÷10	50÷10	12÷2	40÷8	5÷1	18÷3	35÷7	54÷9	45÷9	30÷6
18÷3	24÷4	25÷5	45÷9	24÷4	18÷3	15÷3	30÷5	40÷8	50÷10	12÷2	50÷10	12÷2	50÷10	60÷10	45÷9	12÷2	18÷3	10÷2
12÷2	36÷6	36÷6	54÷9	45÷9	12÷2	42÷7	50÷10	18÷3	40÷8	42÷7	35÷7	40÷8	6÷1	36÷6	42÷7	18÷3	24÷4	45÷9
18÷3	25÷5	15÷3	30÷6	15÷3	40÷8	40÷8	10÷2	60÷10	18÷3	36÷6	12÷2	30÷6	18÷3	12÷2	40÷8	6÷1	60÷10	24÷4
50÷10	24÷4	25÷5	15÷3	50÷10	36÷6	6÷1	10÷10	9÷9	2÷2	20÷10	4÷4	20÷4	42÷7	12÷2	30÷5	18÷3	12÷2	25÷5
18÷3	30÷6	48÷8	48÷8	36÷6	8÷4	2÷2	8÷4	20÷5	12÷3	9÷3	1÷1	12÷6	18÷9	12÷2	35÷7	6÷1	24÷4	6÷1
50÷10	12÷2	60÷10	16÷8	4÷4	4÷2	8÷2	12÷3	32÷8	30÷10	16÷4	12÷3	28÷7	6÷3	7÷7	14÷7	35÷7	24÷4	10÷2
42÷7	35÷7	16÷8	7÷7		32÷8	3÷1	16÷4	28÷7	32÷8	16÷4	24÷8	12÷4	4÷1		1÷1	9÷9	42÷7	24÷4
45÷9	54÷9	3÷3	40÷10		12÷4	6÷2	8÷2	30÷10	24÷6	20÷5	40÷10	9÷3	8÷2		24÷8	4÷2	20÷4	35÷7
40÷8	10÷5	8÷4	24÷6		36÷9	24÷8		18÷6		40÷10		15÷5	16÷4		36÷9	4÷2	1÷1	35÷7
45÷9	12÷6	3÷1	4÷1		32÷8	15÷5						3÷1	28÷7		27÷9	40÷10	9÷9	12÷2
12÷2	12÷6	4÷4	9÷3		32÷8	24÷8		8÷2		8÷2		24÷8	28÷7		36÷9	8÷4	18÷9	18÷3
25÷5	30÷6	10÷5	21÷7		40÷10	16÷4	32÷8	30÷10	28÷7	18÷6	3÷1	24÷8	12÷3		24÷6	3÷3	15÷3	35÷7
48÷8	5÷1	2÷1	4÷2		4÷1	27÷9	24÷8	9÷3	24÷6	20÷5	27÷9	12÷4	16÷4		3÷3	6÷3	12÷2	5÷1
40÷8	15÷3	40÷8	9÷9	12÷6	14÷7	24÷6	24÷8	16÷4	12÷3	30÷10	21÷7	9÷3	10÷10	10÷5	2÷1	20÷4	25÷5	15÷3
30÷6	18÷3	36÷6	54÷9	50÷10	6÷3	8÷8	12÷6	36÷9	16÷4	28÷7	20÷10	10÷5	7÷7	12÷2	12÷2	12÷2	45÷9	36÷6
30÷6	12÷2	24÷4	42÷7	60÷10	24÷4	30÷5	10÷5	8÷8	9÷9	4÷2	2÷1	54÷9	48÷8	45÷9	50÷10	24÷4	15÷3	30÷6
50÷10	30÷6	12÷2	24÷4	10÷2	20÷4	54÷9	30÷6	45÷9	35÷7	25÷5	36÷6	10÷2	40÷8	6÷1	12÷2	60÷10	48÷8	20÷4
48÷8	20÷4	48÷8	25÷5	42÷7	48÷8	48÷8	60÷10	12÷2	30÷6	36÷6	20÷4	35÷7	18÷3	35÷7	36÷6	20÷4	12÷2	50÷10
12÷2	12÷2	24÷4	5÷1	10÷2	15÷3	42÷7	25÷5	12÷2	15÷3	20÷4	54÷9	35÷7	6÷1	10÷2	15÷3	25÷5	20÷4	42÷7

Color Key: (Note: *Blank squares are white)

1,2	Black
3,4	Brown
5,6	Blue

Directions: Use **<**, **>** or **=** to compare the fractions. Then write the letter for each correct answer above the problem number to solve the puzzle. The first problem is completed for you as an example.

The Squeaky Computer

Why did the computer squeak?

d

__ __ __ __ __ __ __   __ __ __ __ __ __ __   __ __
8 9 5 10 9 4 10   8 7 10 6 6 10 1   9 4

__ __ __   __ __ __ __ __!
2 7 8   5 9 3 8 10

	>	<	=
1 $\frac{1}{2}$ > $\frac{1}{3}$	D	R	G
2 $\frac{2}{3}$ ○ $\frac{8}{12}$	Z	A	I
3 $\frac{5}{9}$ ○ $\frac{3}{4}$	L	U	W
4 $\frac{1}{8}$ ○ $\frac{1}{7}$	B	N	K
5 $\frac{7}{10}$ ○ $\frac{3}{5}$	M	H	Q
6 $\frac{7}{8}$ ○ $\frac{14}{16}$	Q	R	P
7 $\frac{2}{12}$ ○ $\frac{1}{3}$	F	T	Y
8 $\frac{8}{9}$ ○ $\frac{7}{8}$	S	C	J
9 $\frac{2}{5}$ ○ $\frac{6}{15}$	L	Y	O
10 $\frac{4}{6}$ ○ $\frac{1}{3}$	E	A	V

Directions: Fill in the blank to make equivalent fractions. The first problem is completed for you as an example.

Pattern Pieces

$$1 = \frac{2}{2}$$

$$1 = \frac{\square}{6}$$

$$\frac{1}{3} = \frac{\square}{6}$$

$$\frac{1}{3} = \frac{\square}{9}$$

$$1 = \frac{\square}{4}$$

$$\frac{1}{2} = \frac{\square}{6}$$

$$\frac{1}{4} = \frac{\square}{12}$$

$$\frac{2}{3} = \frac{\square}{6}$$

$$\frac{1}{2} = \frac{\square}{4}$$

$$\frac{1}{3} = \frac{\square}{6}$$

$$\frac{1}{6} = \frac{\square}{12}$$

$$1 = \frac{\square}{5}$$

$$1 = \frac{\square}{8}$$

$$\frac{2}{3} = \frac{\square}{6}$$

$$\frac{2}{3} = \frac{\square}{6}$$

$$1 = \frac{\square}{10}$$

$$\frac{1}{2} = \frac{\square}{8}$$

$$1 = \frac{\square}{12}$$

$$\frac{3}{4} = \frac{\square}{12}$$

$$\frac{1}{2} = \frac{\square}{10}$$

$$\frac{4}{8} = \frac{\square}{4}$$

$$\frac{1}{2} = \frac{\square}{6}$$

$$1 = \frac{\square}{9}$$

$$\frac{1}{5} = \frac{\square}{10}$$

Journal Question

How did you figure out how to fill in the blanks?

Fraction Practice – Week 3

Directions: Reduce fraction in each square by using the correct color for the lowest form of the fraction. Use the table below to help with the color code. The first square is **6/10** which reduces to **3/5** so you will **color** the square **blue**. When you finish each square, it will reveal a picture that is connected to the title.

Knight

6/10	12/20	15/25	6/10	27/45	12/20	24/40	27/45	27/45	30/50	12/20	3/5	15/25	15/25	18/30	6/10	21/35	15/25	9/15
12/20	9/15	15/25	30/50	21/35	30/50	3/5	30/50	18/30	12/20	12/20	6/10	12/20	21/35	18/30	6/10	15/25	18/30	9/15
18/30	27/45	3/5	24/40	18/30	30/50	15/25	18/30	24/40	21/35	15/25	30/50	9/15	15/25	12/20	9/15	18/30	21/35	15/25
24/40	3/5	6/10	3/5	30/50	24/40	21/35	24/40	15/25	12/20	12/20	3/5	30/50	30/50	30/50	3/5	30/50	21/35	21/35
12/20	6/10	18/30	18/30	9/15	18/30	9/15	18/30	9/15	9/15	12/20	9/15	3/5	3/5	15/25	18/30	12/20	24/40	12/20
15/25	30/50	9/15	30/50	18/30	18/30	30/50	6/10	24/40	24/32	18/24	18/30	30/50	3/5	18/30	15/25	3/5	21/35	18/30
15/25	3/5	18/30	15/25	9/15	27/45	12/20	15/25	6/8	27/63	9/21	21/28	18/30	6/10	12/20	9/15	24/40	21/35	27/45
15/25	9/15	15/25	27/45	24/40	30/50	12/20	3/5	9/12	21/49	9/21	9/12	9/15	9/15	3/5	27/45	3/5	18/30	24/40
15/25	9/15	6/10	18/30	30/50	12/20	3/5	9/15	21/28	30/70	18/24	12/16	9/15	15/25	15/25	12/20	12/20	27/45	12/20
3/5	15/25	3/5	30/50	21/28	3/4	12/16	12/16	6/8	24/32	15/20	27/36	6/8	27/36	18/24	9/12	27/45	30/50	3/5
9/15	15/25	24/40	12/16	18/42	15/20	21/49	6/14	6/14	27/63	18/42	12/28	24/56	12/28	3/4	3/7	18/24	9/15	18/30
27/45	30/50	3/4	9/21	9/21	27/36	9/21	15/35	18/42	24/56	24/56	15/35	6/8	6/8	6/8	30/40	24/56	24/32	9/15
24/40	21/28	30/70	21/49	9/12	3/4	15/20	3/7	9/21	24/56	3/7	12/16	30/70	27/63	9/21	15/35	12/16	27/36	9/15
12/16	9/21	21/49	27/36	9/15	3/5	9/12	15/35	12/28	21/49	6/14	6/8	30/70	30/60	12/16	3/7	21/28	6/10	12/20
24/32	15/35	9/21	27/36	15/25	6/10	3/4	15/20	18/24	3/4	6/8	24/32	30/70	6/8	3/6	18/42	24/32	9/15	30/50
18/24	15/20	6/8	6/8	3/4	15/25	6/8	15/30	15/30	21/42	9/18	12/16	3/7	12/28	27/63	27/63	27/36	24/40	27/45
18/30	30/70	6/14	12/20	15/25	24/40	12/16	27/54	21/42	24/32	18/24	24/48	21/28	27/63	3/7	9/12	18/30	21/35	12/20
27/45	6/14	9/21	24/40	6/10	6/8	3/6	24/48	12/16	24/40	24/32	21/42	9/12	30/70	15/35	9/12	6/10	24/40	24/40
27/45	30/70	3/7	15/25	3/4	12/24	6/12	9/12	18/30	18/30	30/50	21/28	12/24	27/36	15/20	30/50	27/45	27/45	3/5
12/20	18/30	21/49	21/35	18/24	30/40	6/8	24/32	9/15	30/50	27/45	3/5	6/8	9/12	9/12	3/5	18/30	9/15	12/20

Color Key:

Equal to 3/4	Black
Equal to 3/5	Blue
Equal to 3/6	Red
Equal to 3/7	Grey

Directions: **Solve** each problem. Make sure you **reduce** to the lowest form of the fraction. Then write the letter for each correct answer above the problem number to figure out the punchline. The first problem is completed for you as an example.

Why did the fly never land on the computer?

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

$1\frac{5}{6}$ $4\frac{1}{3}$ $1\frac{2}{5}$ $\frac{1}{2}$ $2\frac{1}{3}$ $1\frac{2}{3}$ $7\frac{1}{3}$ $2\frac{1}{3}$ $5\frac{2}{5}$ $2\frac{1}{2}$ $2\frac{1}{3}$ $7\frac{3}{4}$ 5 $8\frac{1}{3}$

___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

T

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

!

___ ___ ___ ___ ___ ___ ___ ___

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

T $\frac{5}{6} + \frac{2}{6} =$ **1 1/6**	**H** $3\frac{5}{12} - 1\frac{7}{12} =$
L $2\frac{1}{4} - \frac{3}{4} =$	**D** $3\frac{2}{3} + 1\frac{1}{3} =$
B $1\frac{2}{5} + \frac{4}{5} =$	**F** $6 - \frac{3}{5} =$
S $5 - 3\frac{1}{3} =$	**A** $4\frac{5}{6} - 2\frac{3}{6} =$
I $4\frac{1}{4} + 3\frac{2}{4} =$	**E** $2\frac{5}{12} + 1\frac{11}{12} =$
O $2\frac{1}{2} - 1\frac{1}{4} =$	**W** $5\frac{1}{4} - 4\frac{3}{4} =$
R $1\frac{1}{6} + 1\frac{2}{6} =$	

Percent Equivalents Practice – Week 4

Directions: Convert each fraction or decimal to a percent in each square by using the correct color. Use the table below to help with the color code. The first square is **1/4** which converts to **25%** so you will **color** the square **blue**. When you finish each square, it will reveal a picture that is connected to the title.

Camel

1/4	4/16	3/12	0.08	0.11	0.07	4/16	2/8	1/7	0.06	0.12	4/16	0.04	0.15	1/4	0.03	2/8	0.12	0.19
1/4	0.08	1/8	1/6	1/6	5/20	2/8	5/20	2/10	3/12	1/7	2/8	1/4	0.08	1/8	1/7	0.05	0.18	2/10
1/4	0.19	3/12	1/10	5/20	1/4	1/10	1/7	1/4	0.03	1/4	1/5	4/8	1/5	3/7	0.08	0.12	0.22	1/10
0.04	1/8	1/8	1/6	2/8	2/10	0.23	3/12	1/7	1/7	2/10	1/6	0.41	2/5	3/7	0.07	1/10	2/8	0.05
0.04	1/7	0.12	0.04	0.03	4/16	2/10	2/10	0.14	0.12	1/5	0.19	0.47	3/8		0.35	1/8	0.16	0.22
5/20	4/16	0.08	0.13	0.17	0.24	0.16	0.24	0.05	0.19	0.17	2/10	0.17	0.45	7/10	0.31	3/8	1/8	3/12
0.25	1/6	1/4	2/10	5/20	1/7	1/4	0.36	0.26	0.05	2/10	2/8	1/8	0.33	1/3	0.49	4/10	1/3	2/8
0.1	0.17	0.24	0.07	0.21	4/16	0.48	4/10	3/8	2/7	1/7	1/4	0.06	1/3	1/2	1/4	3/7	3/7	1/8
5/20	0.08	2/8	1/5	1/10	0.33	0.5	0.46	2/4	3/10	0.42	0.23	0.22	0.32	5/10	4/16	0.5	4/8	0.22
0.25	0.17	2/8	0.03	1/7	3/10	3/7	5/10	0.41	0.29	2/5	3/8	2/10	0.37	0.34	3/12	1/6	1/5	0.03
1/10	0.2	0.51	0.71	0.39	2/7	2/4	0.49	0.42	3/8	2/7	0.44	0.28	0.44	0.36	0.15	1/7	3/12	1/8
1/8	0.58	1/5	3/8	0.34	0.33	0.43	0.41	4/8	2/5	1/3	0.3	1/3	1/3	4/8	0.09	0.22	0.25	0.07
0.67	1/4	1/8	3/8	4/8	0.44	2/4	1/3	0.4	3/7	1/3	1/3	0.3	0.47	3/7	1/4	0.17	1/7	4/16
3/4	3/12	0.15	0.32	2/4	0.47	2/6	2/5	0.26	1/3	5/10	2/7	2/6	2/7	0.14	0.13	0.02	0.09	0.16
5/7	0.21	0.16	0.36	2/7	0.33	4/8	0.41	2/7	0.44	2/4	2/4	1/2	1/5	0.03	0.07	1/7	0.03	0.18
1/5	1/4	4/8	2/7	0.16	5/8	2/10	0.09	0.11	0.14	0.15	2/6	0.56	0.1	0.09	0.02	0.21	1/5	0.2
4/16	3/12	2/7	0.15	0.12	0.65	0.13	12/15	12/15	0.77	0.99	1/2	4/7	4/5	7/8	1/5	1/4	1/6	0.06
1/7	1/6	0.4	0.98	7/7	0.71	0.96	5/6	2/2	0.96	7/9	0.41	5/8	12/15	7/9	5/5	10/12	0.07	0.17
2/2	10/12	0.37	0.5	4/5	3/5	0.51	0.87	0.88	7/8	7/8	3/10	3/8	0.73	5/5	7/9	9/10	9/10	1/5
0.95	3/3	3/6	2/4	8/10	6/8	0.73	5/6	1	8/10	0.88	4/8	0.36	0.71	6/6	7/9	7/8	0.79	5/6

Color Key: (Note: *Blank squares are white)

From 1% to 25%	Blue
From 26% to 50 %	Tan
From 51% to 75%	Brown
From 76% to 100%	Yellow

Week 5

Directions: **Solve** each division problem by filling in the blanks. **Remember**, it is important to line up your numbers when dividing. The first problem is completed for you as an example.

Dastardly Division

1

```
      1  7  5
   8) 1  4  0  0
    -  8
       6  0
     - 5  6
          4  0
        - 4  0
             0
```

3

```
         [ ] 0 [ ]
    7) 3  5  3  5
     - [ ][ ]
        [ ][ ][ ]
      - [ ][ ]
               0
```

2

```
      7 [ ][ ]
   5) 3  5  3  5
    - [ ][ ]
     0 [ ][ ]
      - [ ][ ]
             0
```

4

```
      [ ][ ][ ]
   6) 1  6  5  0
    - 1  2
       [ ][ ]
     - [ ][ ]
          3 [ ]
        - [ ][ ]
             0
```

5

```
      □ □ □ □
9 ) 9  9  9  9
  - □
  ─────
    □  9
    - □
    ─────
       0  □
       - □
       ─────
          0  □
          - 9
          ─────
             0
```

6

```
      □    1  □ □
2 ) 8  3  5  0
  - 8
  ─────
     □
   - □
   ─────
      1  □
    - 1  4
   ─────
       □ □
     - □ □
     ─────
         0
```

Directions: **Read** and s**olve** each division word problem by filling in the blanks. **Remember**, it is important to line up your numbers when dividing. The first problem is completed for you as an example.

Awards Buffet

1 At the Beachville Carnival's Fancy Night, __4,563__ people came in their nicest clothes. They arrived in groups of __9__ in horse-drawn carriages. How many carriages came to Fancy Night?

$$
\begin{array}{r}
\boxed{507} \\
9\,)\,\overline{4563} \\
-\,4500 \\
\hline
\boxed{63} \\
-\,63 \\
\hline
0
\end{array}
$$

Solution: 507 horse-drawn carriages

2 As they walked through the entrance, the guests passed ____ groups of backflipping frogs that came to welcome them. There were _____ backflipping frogs altogether. How many frogs were in each group?

$$
\begin{array}{r}
\boxed{} \\
4\,)\,\overline{3648} \\
-\,\boxed{} \\
\hline
48 \\
-\,\boxed{} \\
\hline
8 \\
-\,\boxed{} \\
\hline
0
\end{array}
$$

Solution: _____

_____

3 Instead of cotton candy, the chefs made shrimp cocktail for everyone. They boiled _____ shrimp and served them in bowls with ____ shrimp each. How many bowls did they serve?

$$
\begin{array}{r}
\boxed{} \\
6\,)\,\overline{6642} \\
-\,6000 \\
\hline
\boxed{} \\
-\,600 \\
\hline
\boxed{} \\
-\,42 \\
\hline
0
\end{array}
$$

Solution: _____

_____

Multiplication Practice – Week 5

Directions: Solve each square by using the correct color for the product. Use the table below to help with the color code. The first square is 4**x9=36** so you will **color** the square **blue**. When you finish each square, it will reveal a picture that is connected to the title.

Helicopter

4x9	4x9	5x7	5x7	7x5	4x9	3x8	9x4	6x4	3x7	10x3	9x4	4x8	6x5	7x4	10x3	7x4	4x10	3x7
4x9	6x4	6x6	9x4	3x8	6x4	4x7	3x9	6x4	4x6	3x9	4x8	6x5	7x4	6x5	4x8	6x4	3x9	3x10
4x8	5x7	5x7	3x7	5x5	8x3	5x5	7x5	5x8	8x5	6x4	5x8	4x9	10x3	4x6	5x6	4x8	7x3	9x4
5x6	8x4	5x6	5x8	6x7	7x7	5x9	5x10	7x6	6x10	6x10	5x9	5x9	6x8	7x8	7x7	10x5	6x10	9x6
10x4	3x8	4x8	3x7	4x9	3x8	4x7	5x5	5x6	4x10	6x5	7x9	9x4	5x7	4x7	4x6	9x4	6x6	6x6
4x9	7x3	4x10	10x3	9x4	10x4	3x9	8x3	3x10	4x10	4x10	9x9	7x4	6x6	3x7	4x7	8x5	9x4	8x3
7x5	9x1	3x3	1x8	6x5	4x10	5x8	10x3	5x7	3x2	6x1	2x1	1x4	2x10	8x2	4x9	5x5	4x7	8x5
4x1	8x3	5x9	6x5	5x1	4x7	6x5	7x3	4x1	4x3	10x1	1x6	1x3	2x1	6x3	10x5	4x8	8x4	3x7
5x2	6x7	10x5	8x6	3x5	4x9	5x7	6x2	5x1	3x2	8x1	6x3	1x6	2x3	9x5	9x6	8x3	10x4	3x7
6x3	10x3	5x10	10x3	2x4	2x9	5x4	3x5	3x3	4x4	1x3	5x2	1x1	2x4	8x6	5x9	7x5	6x5	4x6
9x4	2x4	5x1	6x2	10x2	6x2	1x2	5x4	5x3	8x1	1x4	3x1	2x10	2x6	9x1	9x1	6x5	7x4	8x4
7x3	8x4	3x8	5x7	8x4	6x4	9x3	9x3	10x7	8x5	7x4	6x5	9x9	3x8	3x10	7x3	5x6	8x4	3x7
4x9	6x6	5x6	7x3	4x7	4x6	10x9	9x9	10x9	10x7	10x10	8x9	9x10	10x9	7x9	6x5	5x6	4x8	8x3
4x7	6x4	9x3	4x7	3x8	10x4	6x5	3x7	10x4	9x4	10x3	8x5	10x4	8x5	3x10	3x10	3x9	6x6	5x7
4x10	10x7	10x8	9x7	9x8	10x8	10x7	9x7	4x8	4x9	9x4	8x4	5x5	10x4	8x5	8x3	4x7	5x7	5x7
6x4	10x7	12x8	9x6	12x7	9x5	5x9	9x9	6x6	5x6	4x7	4x8	10x4	6x6	4x7	8x4	4x8	6x6	4x8
6x4	10x9	9x5	7x8	7x9	7x7	9x6	10x8	3x10	6x6	4x9	9x4	8x9	9x8	7x9	8x9	12x12	8x10	12x4
3x7	8x9	8x8	9x8	8x9	10x7	7x10	9x10	9x4	6x6	3x9	4x9	10x9	6x9	8x7	9x9	8x6	5x10	9x7
5x8	12x6	9x6	6x10	9x10	8x7	6x10	12x3	5x6	4x7	7x5	4x8	7x10	5x9	5x9	10x9	8x6	10x5	12x11
4x8	9x7	5x10	9x5	12x12	8x6	9x5	10x10	7x3	9x3	4x6	8x4	10x8	8x8	10x7	9x9	10x10	9x9	9x9

Color Key:

1-20	Red
21-40	Blue
41-60	Gray
61-150	Black

Directions: **Solve** each word problem by filling in the blank boxes. The first problem is completed for you as an example.

Go Figure

1 Ms. Graypants lives in San Francisco. Two times each year she flies to Tokyo and back home. The distance from San Francisco to Tokyo is 5,136 miles. How many miles altogether does she travel to and from Tokyo each year?

Total Distance			
Trip #1		Trip #2	
5,136 miles	5,136 miles	5,136 miles	5,136 miles

$$5136 × 2 × 2 = m$$

Solution: __20,544 miles__

2 Mr. Bluepants buys a train with 268 cars. He uses 176 of the cars to make a second train. How many cars are left over?

268	
176	

Solution:

3 Ms. Orangepants drives from Orange, Texas to El Paso, Texas. This is a distance of 852 miles. She then drives 805 more miles to Los Angeles. How far does she drive altogether?

Total Distance	
852	805

Solution:

4 Mr. Yellowpants jumps out of a plane that is 4,000 meters above the ground. After 5 seconds, he has fallen 125 meters. How many meters does he have left to fall?

4000	
125	

Solution:

Division Practice – Week 6

Directions: Solve each square by using the correct color for the product. Use the table below to help with the color code. The first square is 40÷8=5 so you will **color** the square **black**. When you finish each square, it will reveal a picture that is connected to the title: **Planet Earth**

40÷8	20÷4	50÷10	25÷5	15÷3	20÷4	15÷3						50÷10	5÷1	5÷1	45÷9	30÷6	35÷7	35÷7
20÷4	15÷3	35÷7	30÷6	5÷1	6÷3	24÷8	15÷5	14÷7			18÷9	18÷9	16÷8	20÷4	20÷4	30÷6	5÷1	35÷7
50÷10	10÷2	35÷7	12÷6	6÷3	21÷7	28÷7	12÷4	2÷1	30÷10	20÷10	20÷10	4÷2	16÷8	28÷7	32÷8	15÷3	25÷5	45÷9
15÷3	25÷5	12÷4	30÷10	8÷2	16÷4	32÷8	14÷7	4÷1	9÷3	12÷6	12÷3	18÷9	28÷7	4÷1	12÷3	16÷4	5÷1	25÷5
35÷7	10÷2	6÷2	3÷1	30÷10	3÷1	16÷4	32÷8	24÷6	20÷10	20÷10	18÷9	40÷10	28÷7	20÷5	40÷10	30÷10	30÷6	25÷5
45÷9	16÷8	18÷9	5÷5	1÷1	18÷6	32÷8	32÷8	24÷6	12÷6	8÷4	4÷2	3÷1	3÷1	12÷6	21÷7	18÷9	6÷6	10÷2
35÷7	16÷8	2÷1	8÷8	7÷7	15÷5	8÷2	24÷6	8÷2	18÷9	10÷5	10÷5	15÷5	20÷10	4÷2	14÷7	10÷5	8÷8	6÷6
12÷6	2÷1	2÷1	16÷8	3÷3	40÷10	18÷9	40÷10	6÷3	4÷2	18÷9	14÷7	18÷9	16÷8	2÷2	7÷7	2÷2	2÷1	9÷9
12÷6	18÷9	2÷1	2÷1	40÷10	4÷2	6÷3	24÷6	16÷8	6÷3	6÷3	12÷6	4÷2	7÷7	7÷7	7÷7	3÷3	2÷2	18÷9
16÷8	4÷2	14÷7	16÷8	18÷9	20÷5	20÷10	6÷3	8÷4	6÷3	8÷4	2÷1	5÷5	4÷4	2÷2	7÷7	30÷10	7÷7	9÷9
18÷9	18÷9	20÷10	8÷4	4÷2	16÷8	15÷5	21÷7	8÷2	8÷2	4÷2	20÷10	1÷1	15÷5	30÷10	15÷5	12÷3	32÷8	6÷2
12÷6	18÷9	4÷2	2÷1	12÷6	6÷6	24÷8	36÷9	12÷3	24÷6	27÷9	4÷2	12÷6	18÷9	28÷7	4÷1	4÷1	32÷8	3÷1
35÷7	14÷7	6÷3	16÷8	8÷4	10÷5	5÷5	4÷1	12÷3	15÷5	4÷4	8÷4	18÷9	12÷6	8÷4	4÷1	8÷2	21÷7	40÷8
20÷4	4÷2	8÷4	2÷1	2÷1	6÷3	14÷7	2÷2	24÷8	8÷8	4÷2	2÷1	20÷10	14÷7	16÷8	3÷1	3÷1	10÷2	30÷6
45÷9	50÷10	4÷2	16÷8	2÷1	4÷2	4÷2	4÷4	18÷6	12÷6	2÷1	18÷9	6÷3	6÷3	10÷5	2÷2	5÷5	25÷5	50÷10
25÷5	15÷3	45÷9	16÷8	4÷2	14÷7	20÷10	2÷2	3÷1	16÷8	12÷6	10÷5	20÷10	8÷4	4÷2	4÷4	40÷8	30÷6	15÷3
50÷10	35÷7	30÷6	10÷5	16÷8	8÷4	2÷1	12÷4	4÷2	4÷2	6÷3	14÷7	16÷8	14÷7	6÷3	6÷3	30÷6	35÷7	45÷9
5÷1	35÷7	20÷4	35÷7	5÷1	6÷3	16÷8	16÷8				2÷1	6÷3	8÷4	35÷7	10÷2	45÷9	5÷1	25÷5
10÷2	45÷9	5÷1	35÷7	5÷1	25÷5	20÷4						20÷4	15÷3	45÷9	25÷5	5÷1	50÷10	35÷7
40÷8	25÷5	30÷6	15÷3	10÷2	50÷10	20÷4	30÷6	25÷5	15÷3	50÷10	10÷2	50÷10	25÷5	35÷7	5÷1	35÷7	10÷2	35÷7

Color Key: (Note: *Blank squares are white)

1	Light Yellow
2	Blue
3	Light Green
4	Green
5	Black

Entering Fifth Grade Summer Assignment
* <u>Due the First Day of School</u> *

1. **Choose** a historical American from the attached list to read about. Scan the QR code to register your selection. If your choice has already been selected, you will need to choose a different option.

2. **Purchase** a *Who Was?* paper copy of the book (example below) related to your historical American. You will need to bring your book to school, so do not buy an electronic version.
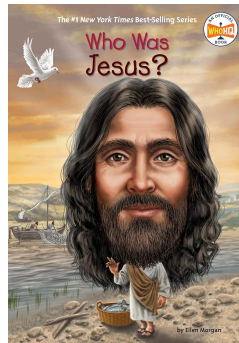
3. **Complete** a hanger person that represents your American according to the attached rubric. Your grade will be based on following each direction listed on the rubric.

We will begin our year with follow up activities, including writing a biography on your historical figure and placing them within the timeline of the American Freedom Museum. Have a great summer and don't wait until the last minute to do your work!

Sincerely,

Mrs. Brittany Hersey
5th grade ELAR

Historical American List

Abigail Adams

Alexander Graham Bell

Alexander Hamilton

Barack Obama

Benjamin Franklin

Betsy Ross

Clara Barton

Daniel Boone

Davy Crockett

Franklin Roosevelt

Harriet Beecher Stowe

Harriet Tubman

Martin Luther King Jr.

Neil Armstrong

Paul Revere

Robert E. Lee

Ronald Reagan

Rosa Parks

Susan B. Anthony

Theodore Roosvelt

the Tuskegee Airmen

the Wright Brothers

Thomas Edison

Ulysses S. Grant

Hanger Person Biography
Retelling the Life of an Important Historical Figure

To construct the actual figure, you will need a wire hanger, scissors, tape, glue, and any art supplies needed to create a "person."

Decorate to look like your historical biographical person.

We will write and add the biography to our person during the first few weeks of school.

Hanger Person Biography Grading Rubric

This rubric has all of the requirements you will need in order to achieve a score of 4, 3, 2, or 1. To meet the requirement of the score, you must score MOSTLY in that section.

4	"Person" accurately portrays the subject of the biography ** Clothing is accurate to the time period ** Artwork is neatly put together ** Expression is evident in the face of the hanger person ** The body is positioned in a different and unique way ** Evidence of research on the subject through the clothing, hair style, etc…
3	"Person" is a mostly accurate portrayal of the subject of the biography ** Clothing is mostly accurate to the time period ** Artwork is mostly neat and put together ** Some expression is evident in the face of the hanger person ** The body is positioned in a mostly different and unique way ** Evidence of research on the subject through the clothing, hair style, etc…
2	"Person" is a mostly accurate portrayal of the subject of the biography ** Clothing is somewhat accurate to the time period ** Artwork is somewhat neat and put together ** Some expression is evident in the face of the hanger person ** The body is positioned in a somewhat different and unique way ** Some evidence of research on the subject through the clothing, hair style, etc…
1	"Person" is a not an accurate portrayal of the subject of the biography ** Clothing is not accurate to the time period ** Artwork is not neat and put together ** No expression is evident in the face of the hanger person ** The body is not positioned in a somewhat different and unique way ** No evidence of research on the subject through the clothing, hair style, etc…