CONTINUED EDUCATIONAL LEARNING OPPORTUNITIES

4TH-5TH

Online Resources for Home Learning

Need Free Internet during the school closure?		
Cox Communication 1 month free (https://www.cox.com/residential/internet/connect2compete.html)	Spectrum 60 days free (1-844-4888398)	AT&T waiving overage fees for wireless/fixed wireless plans

Listen Or Read a good book		
Storyline Online (Free, K-8) https://www.storylineonline.net/	Raz Kids (Free until end of Year, K-5) https://www.learninga-z.com/	Epic Books (30 day trial, K-8) https://www.getepic.com/

Early Reading		
Reading Bear (K-3) https://www.readingbear.org/	Starfall (K-2) https://www.starfall.com/h/	Moby Max (K-5) https://www.mobymax.com/

Learning Platforms (Adaptive Games and online Learning)		
Scholastic Learn at Home (preK-8th Grade) www.scholastic.com/learnathome	Headsprouts (prek-1st grade) https://www.learninga-z.com/	BrainPop (K-8) (promotional code BPOPFREEACCESS) https://www.brainpop.com/

Online Resources for Home Learning

Science for the Win!		
Bill Nye the Science Guy (K-8) https://billnye.com/the-science-guy	Mystery Science (K-8) https://mysteryscience.com/school-closure-planning	The Kids Should See This! (3-8) https://thekidshouldseethis.com/
World Book Science Projects (K-8) https://www.worldbookonline.com/kids/home#scienceprojects	World Book Webquests (3-8) https://www.worldbookonline.com/student/webquests	

Math for Everyone!		
Sumdog (K-5) https://pages.sumdog.com/	Khan Academy (offers a daily schedule, K-8)) https://www.khanacademy.org/ Without Login: 4th Grade Course 5th Grade Course Sixth Grade Course Seventh Grade 8th Grade Course	CMA Math (5-8) Pre-recorded Math Lessons https://coloskys-math-academy.thinkific.com/
60 Math Websites (K-8) https://www.weareteachers.com/best-math-websites/#games	Middle School Math (6-8) www.maneuveringthemiddle.com/remote-math-lessons/	

A Week of Reading Enrichment

Attached you will find a reading passage that includes vocabulary work, phonics work, and comprehension questions. Below is a schedule of activities to do with this passage for the week.

Check them off as you go!

Monday	Tuesday	Wednesday	Thursday	Friday
☐ Complete the Vocabulary portion ☐ Read the passage ☐ Circle words that are difficult or unknown ☐ Ask an adult for help with unknown words ☐ Reread the story, paying close attention to the difficult words	☐ Reread the passage ☐ Answer the comprehensi on questions on the pack of the passage ☐ Underline where you found your answer to each question in the passage	☐ Reread the passage ☐ Complete the phonics/word study potion for the passage ☐ Go back to the passage and highlight words that include that phonics pattern or word study skill	☐ Reread the passage ☐ Write a summary of the passage on the back of the passage (4 sentences) o Main idea o Beginning o Middle o End	☐ Time yourself reading the passage for 1 minute ☐ Count and record how many words you can read in one minute ☐ Do this 3 times to see if you get further each time

Extension Project Ideas:

☐ Draw a picture to represent this story/article.
☐ Create a comic book slide to represent the story.
☐ Write a letter to the author.
☐ Turn the story into a play.

Vocabulary

Name _____

Directions: Read each question. Then fill in the bubble next to the best answer.

1. Read this sentence from *Skeletons Inside and Out.*

It supports the body's weight and gives it shape.

What does the word supports mean in this sentence?

○ brings back ○ moves forward ○ holds up ○ looks at

2. Which word is a synonym for the word supports?

○ bears ○ defends ○ shelves ○ tables

3. Read this sentence from *Skeletons Inside and Out.*

In ancient rocks, scientists have found fossils of reptiles, such as dinosaurs, that have long been extinct.

What does the word ancient mean in this sentence?

○ present-day
○ somewhat new
○ somewhat old
○ very old

4. Which word is a synonym for the word ancient?

○ aged ○ crumbled ○ recent ○ modern

5. Read this sentence from *Skeletons Inside and Out.*

Joints connect their limbs and body parts, which makes them flexible.

What does the word flexible mean in this sentence?

○ stiffen ○ soften ○ bendable ○ breakable

6. Which prefix can be added to *flex* to make another word? Write the word.

○ *dis-* ○ *re-* ○ *sub-* _____

Reading Analysis Name _____

Directions: Read the following passage. Then answer the questions that follow.

Connected Joints

The pitcher stares down the batter. He then leans in to get the signal from the catcher. He watches the catcher's fingers tell him just what pitch to throw, and he gives the catcher a quick nod. The batter, his whole body tense, turns his head toward the pitcher. The batter's fingers grip the end of the bat. His fingers twist ever so slightly. The bat sits inches away from his shoulder. Both of his elbows are bent, as are his knees. His body is slightly twisted at the hip as he waits for the pitch.

Fans can see this scene at any baseball game. They cannot see what happens inside each player's body. Bones help players run, jump, catch, throw, hit, and slide. Bones work with muscles and joints to help the body move.

What is a joint? It is a point where two or more bones come together. Bones are linked by joints. Joints help the body move and bend.

There are different kinds of joints in the body. Some joints are fixed. The bones joined at fixed joints do not move. Fixed joints are found in the skull, for example. Moving joints, however, let the body twist and bend. Two types of moving joints are hinge joints and ball-and-socket joints.

Hinge joints include the elbow and knee. Hinge joints allow the body to flex or extend bones. For example, the knee allows bones in the leg to flex (bend) or extend (straighten). Once a hinge joint is straight, it can extend no further.

Ball-and-socket joints include the hips and shoulders. In a ball-and-socket joint, the rounded end of a bone fits in the cup, or socket, of another bone. Ball-and-socket joints allow bones to flex and extend but also to rotate and move from side to side.

A pitcher uses the hip ball-and-socket joint to step forward and the shoulder ball-and-socket joint to throw the ball. The batter's shoulder ball-and-socket joint helps the batter swing the bat. Click! The ball flies through the air, and the batter starts to run around the bases. Joints make all these movements possible.

Directions: Read each question. Then fill in the bubble next to the best answer.

7. What is the point called where two or more bones come together?

- ○ joint
- ○ tissue
- ○ socket
- ○ muscle

8. What is the main idea of the text?

- ○ Fixed joints are found in the skull.
- ○ Baseball requires a lot of movement.
- ○ Hinge joints allow small movements.
- ○ Bones work with muscles and joints to help the body move.

9. Which key detail supports the main idea?

- ○ Bones joined at fixed joints do not move.
- ○ Once a hinge joint is straight, it can extend no further.
- ○ The shoulder ball-and-socket joint helps a batter swing the ball.
- ○ Different kinds of moving joints allow the body to move in many ways.

10. Why can people type on a keyboard?

- ○ Hinge joints help the fingers bend.
- ○ Fixed joints keep the fingers in place.
- ○ No joints give fingers their flexibility.
- ○ The ball-and-socket joint helps the fingers move.

11. Which bones would you find at a ball-and-socket joint?

- ○ leg and knee bones
- ○ ankle and leg bones
- ○ wrist and arm bones
- ○ shoulder and arm bones

12. What is the difference between a movable and fixed joint?

- ○ Fixed joints are more flexible than moveable joints.
- ○ Moveable joints have bigger bones than fixed joints.
- ○ Moveable joints allow bones to bend, unlike fixed joints.
- ○ Bones in fixed joints are harder than those in moveable joints.

13. What kind of structure does the author use in paragraphs 4–6?

- ○ description
- ○ comparison
- ○ cause and effect
- ○ problem and solution

14. What is the structure of the last paragraph of the text?

- ○ cause and effect
- ○ chronological order
- ○ problem and solution
- ○ compare and contrast

Language Analysis

Name _____

Directions: Read the question. Then fill in the bubble next to the best answer.

15. Read this sentence from *Skeletons Inside and Out.*

Like humans, animals such as cats, whales, and bats are mammals.

Why does the author feel the need to make this statement?

- ○ to show that all mammals move the same
- ○ to show that mammals rely on a skeleton for movement
- ○ to explain the difference between mammals and humans
- ○ to show that mammals have the same skeleton as humans

Word Analysis

Directions: Read the question, and choose the correct suffix to form the word. Write the word.

-ist ***-ive*** ***-ness***

16. If someone plays the organ, what suffix would you add to organ? _____

17. Add a suffix to the word protect to describe someone who protects. _____

18. Add a suffix to heavy to tell the condition of being heavy. _____

19. Add a suffix to the word hollow to tell the condition of being hollow. _____

20. If you support your friends, what suffix would you add to support? _____

Writing

Name _____

Directions: Read the prompt. Write your response on a separate sheet of paper.

In *Skeletons Inside and Out,* two types of skeletons are described, the endoskeleton that people and some animals have and the exoskeleton that some animals and insects have. What would happen if people had both an endoskeleton and an exoskeleton? Write an informational essay about how this would affect everyday life. Use evidence from the text to support your reasons.

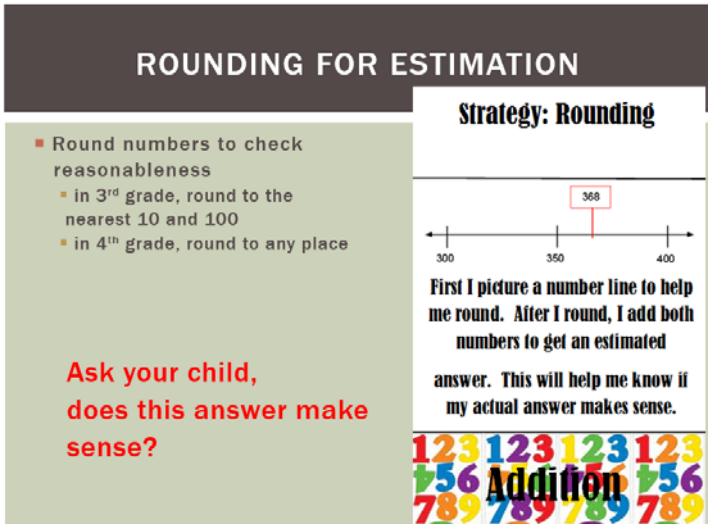
A Week of Math Enrichment

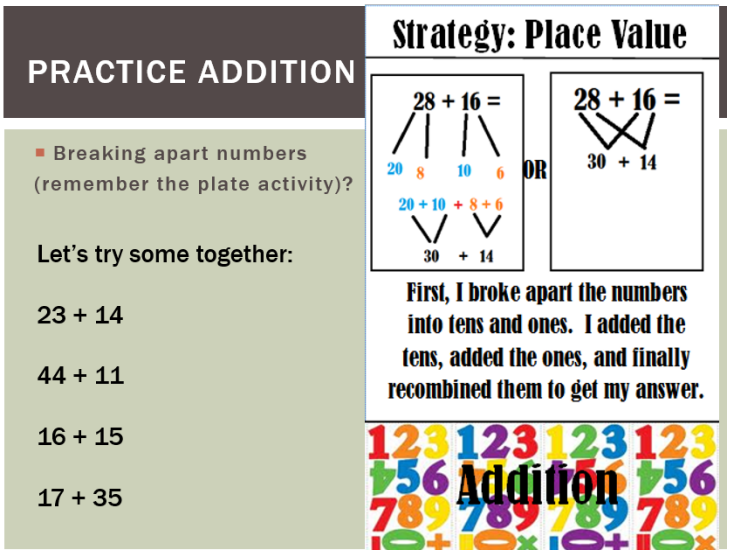
2nd-5th Grade

Monday	Tuesday	Wednesday	Thursday	Friday
☐ Complete one page in the extension packet ☐ Play one of the family games ☐ Play an online game	☐ Complete one page in the extension packet ☐ Play one of the family games Play an online game	☐ Complete one page in the extension packet ☐ Play one of the family games Play an online game	☐ Complete one page in the extension packet ☐ Play one of the family games Play an online game	☐ Complete one page in the extension packet ☐ Play one of the family games Play an online game

Please see the Online Resources page for Math Websites.

What games did you play? List them here.





A GAME FOR MENTAL MATH

Directions:

1. Randomly place beans on any 10 numbers.

2. Randomly place a game marker on any space.

3. Use up to 3 plays to get to a bean.any plays to get to the number on 3 plays.

4. First person to capture 5 beans wins

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23		25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
	92	93	94	95	97	97	98	99	100

THIRD AND FOURTH GRADES

- Begin using the algorithm in third, must be proficient by end of 4th
- Use place value language to describe why the algorithm works

Let's try some together:

23 + 14

244 + 11

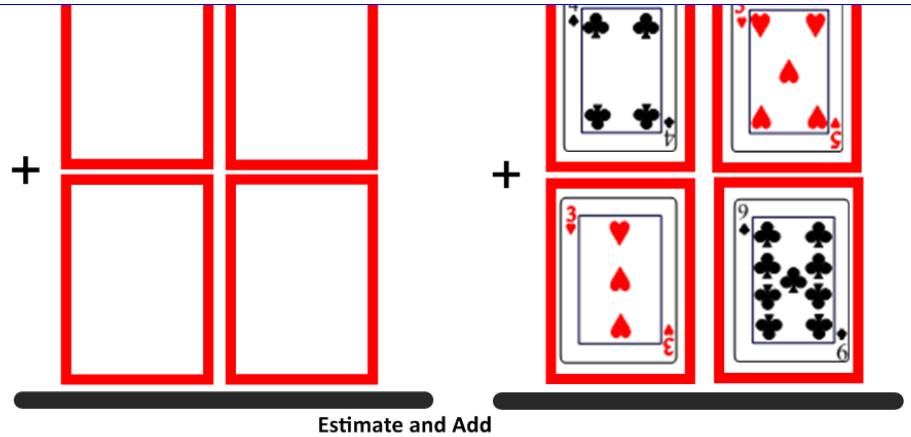
166 + 15

178 + 35

Strategy: Algorithm

$$\begin{array}{r} {}^{1}59 \\ +37 \\ \hline 96 \end{array}$$

First, I add the ones. If my answer is greater than 9, I regroup, moving any tens above the tens place. Then I add the tens. Repeat for all place values.



Estimate and Add

Directions:

1. Lay out playing cards for the number of digits you are working with for two addends.

2. Ten seconds to estimate. Record.

3. Add up your addends.

4. If your estimate is within a given distance from your actual, you get a point. Example: if adding 2-digit number the sum should be within 20 of the actual answer.

5. If you are playing against a partner, the person with the greatest sum gets a point.

6. First person to 10 points wins.

Name_____

Week #19

Day 1

6,312 ÷ 8 =	List the factors of 61. Is this number prime or composite?
Round 241,458 to the nearest ten.	The perimeter of a kitchen is 528 inches. If the width of the kitchen is 120 inches, what is the length of the kitchen?

Day 2

38 × 27 =	Start at 7. Create a pattern that multiplies by 7. Stop when you have 5 numbers.
753,091 + 173,256 =	Sam has 26 yellow fish, 19 blue fish, and 43 orange fish. He has 8 fish tanks. If he divides the fish equally between the tanks, how many fish are in each tank?

Day 3

600,000 ÷ 60,000 =	5,206 × 3 =
489 ÷ 8 =	Iesha needed more room in her closet. She decided to take half of her outfits to the attic closet. She had a total of 42 outfits. How many outfits did she move to the attic?

Day 4

The area of the top of a rectangular table is 323 square feet. If the length of the table is 19 feet, what is the width of the table?	Write the number in word form. 841,504
75 × 36 =	Write the equation. Grace saw 16 bird habitats at the zoo's aviary. The sign said each habitat had 12 birds. How many birds were in the aviary in all?

Name_____

Week #20

Day 1

Lisa earned $31 each week for delivering newspapers. She delivered newspapers for 2 weeks. How much money did Lisa earn?	22 × 44 =
880,372 – 751,684 =	The area of a dog kennel is 20 square feet. If the length of the kennel is 4 feet, what is the width of the kennel?

Day 2

Britney wants to buy 2 shirts that are on sale. Each shirt is on sale for $14, including tax. If Britney has $30, how much change will she get after buying the shirts?	30 × 30 =
800 ÷ 80 =	Write <, >, or = to make the statement true. 136,284 ◯ 134,284

Day 3

Write the equation. The Iowa candidate got 6 times as many votes as the Ohio candidate. The Ohio candidate got 850 votes. How many votes did the Iowa candidate get?	2,995 × 7 =
Round 463,462 to the nearest ten thousand.	1,350 ÷ 6 =

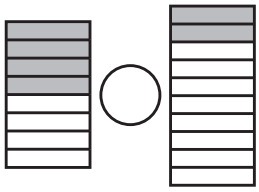
Day 4

The perimeter of a rectangular window is 634 inches. If the length of the window is 205 inches, what is the width of the window?	8,329 ÷ 9 =
Write the number in standard form. 700,000 + 20,000 + 2,000 + 100 + 70	85,911 + 28,347 =

Name_____

Week #21

Day 1

Write <, >, or = to make the statement true. 	Write the equation. Emory picked 9 daisies. Ginny picked 7 times more daisies than Emory. How many daisies did Ginny pick?
Start at 4. Create a pattern that multiplies each number by 5. Stop when you have 5 numbers.	If it takes Tracy $\frac{1}{4}$ of an hour to do her homework, and it takes Trent $\frac{3}{4}$ of an hour to do his homework, how much total time does it take Tracy and Trent to do their homework?

Day 2

$\frac{3}{5} + \frac{1}{5} =$	Abbie bought 82 cases of water for her restaurant. Each case had 24 bottles of water. How many bottles of water did Abbie buy in all?
9,000 ÷ 900 =	If $\frac{3}{10} = \frac{30}{100}$, then $\frac{4}{10} = \frac{\square}{100}$.

Day 3

Decompose $\frac{3}{5}$ in two ways. A. $\frac{1}{5} + \frac{\square}{5} + \frac{\square}{5} = \frac{3}{5}$ B. $\frac{2}{5} + \frac{\square}{5} = \frac{3}{5}$	Henry has 342 marbles in bags. If 9 marbles are in each bag, how many bags does Henry have? How many bags will he have if he gives 15 bags to his brother?
Write <, >, or = to make the statement true. 136,284 ◯ 136,248	If the fraction $\frac{6}{10}$ equals 0.6, then $\frac{5}{10}$ equals _____.

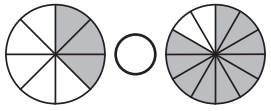
Day 4

$3\frac{1}{3} + 2\frac{1}{3} =$	List the factors of 38. Is this number prime or composite?
Write the number in word form. 83,602	If $\frac{1}{10} + \frac{6}{100} = \frac{16}{100}$, then $\frac{1}{10} + \frac{9}{100} = \frac{\square}{100}$.

Name_____

Week #22

Day 1

Round 543,873 to the nearest ten thousand.	1,152 ÷ 6 =
The brown horse runs $\frac{3}{12}$ of a mile. The black horse runs $\frac{4}{12}$ of a mile. How many miles total do the black and brown horses run?	Write <, >, or = to make the statement true. 

Day 2

13,954 + 5,268 =	The area of a rectangle is 1,176 square meters. The width of the rectangle is 21 meters. What is the length of the rectangle?
If $\frac{3}{10} = \frac{30}{100}$, then $\frac{8}{10} = \frac{\square}{100}$.	$\frac{1}{6} + \frac{3}{6} =$

Day 3

681 × 3 =	690 ÷ 4 =
If $\frac{4}{10} + \frac{5}{100} = \frac{45}{100}$, then $\frac{7}{10} + \frac{7}{100} = \frac{\square}{100}$.	Decompose $\frac{3}{5}$ in two ways. A. $\frac{1}{3} + \frac{\square}{3} + \frac{\square}{3} = \frac{3}{3}$ B. $\frac{1}{3} + \frac{\square}{3} = \frac{3}{3}$

Day 4

56 × 22 =	The perimeter of a rectangle is 60 meters. If the length of the rectangle is 14 meters, what is the width of the rectangle?
If the fraction $\frac{26}{100}$ equals 0.26, then $\frac{33}{100}$ equals _____.	$3\frac{3}{8} + 2\frac{5}{8} =$

Name_____

Week #31

Day 1

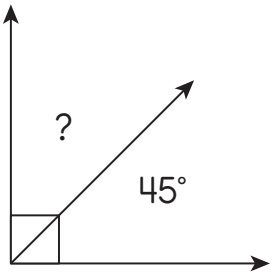
Complete the table.

m	cm
1	100
2	
3	
4	
5	
6	
7	

Draw an example of parallel lines.

3,766 ÷ 7 =

What is the value of the missing angle?



Day 2

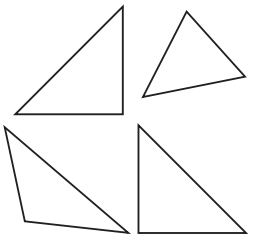
James spends 45 minutes taking caring of Mr. Silva's dog. Then, he spends 25 minutes folding laundry. Next, he spends 20 minutes cleaning his room. How long does it take James to do all of his chores?

809,876 – 456,987 =

Write the number in standard form.

two hundred fifty-eight thousand six hundred eight

Color the right triangles.



Day 3

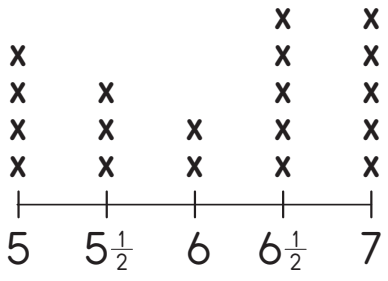
Use the line plot below.

What is the difference in length between the longest and the shortest books?

Use the line plot below.

How many books measured 6 inches?

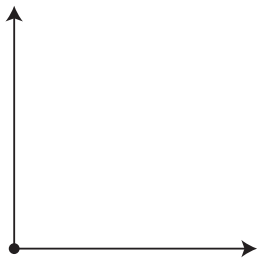
Lengths of Books on a Shelf in Inches



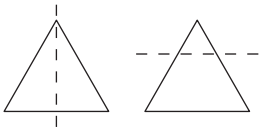
Day 4

9,876 × 8 =

Measure the angle.



Circle the triangle that shows a line of symmetry.



William, Jan, and Greg have a total of $26. Greg has the most money. Jan has twice as much money as William. Greg has $11. How much money does Jan have?

Name_____

Week #19

Day 1

Write <, >, or = to make the statement true.

22.797 ◯ 22.792

Donna has 1,303 footballs to put on shelves. How many shelves will she use if she puts 13 footballs on each shelf? Write the answer as a mixed number.

Jayla paints a bookcase. She uses $1\frac{5}{6}$ cups of paint on the outside of the bookcase and $\frac{3}{8}$ cup of paint on the inside. How many cups of paint does Jayla use altogether?

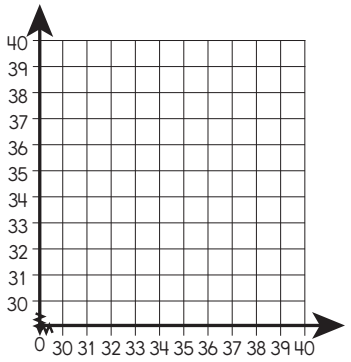
913 × 33 =

Day 2

Complete the table.

	Add 1	Add 2
30	31	32
31		
32		
33		
34		
35		

Complete the graph based on the table above.



Day 3

Round 3.151 to the nearest hundredth.

4,860 ÷ 10^2 =

$\frac{2}{3} \times \frac{1}{6}$ =

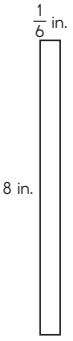
7 – (30 – 2) ÷ 7 =

Day 4

774 ÷ 9 =

Write 3,897.003 in expanded form.

Find the area of the rectangle.



Write an expression for the calculation *double the product of 6 doubled.*

Name_____

Week #20

Day 1

Write an expression for the calculation *the sum of the products of 4 and 3 and 1 and 1.*	Write <, >, or = to make the statement true. 16.272 ◯ 1.672
824 × 34 =	Find the area of the rectangle. 

Day 2

8,624 ÷ 98 =	What is the value of 2 in 0.259?
Sally needs $1\frac{3}{4}$ yards of fabric to make a dress. She has $4\frac{5}{8}$ yards. How many yards of fabric will be left over?	Round 81.139 to the nearest tenth.

Day 3

47 × 0.76 =	Write 437.04 in expanded form.
Ms. Benson has 89 yards of string. If she wants to give each of her 15 students an equal amount of string, how much will each student get? Write the answer as a mixed number.	0.1 ÷ 0.2 =

Day 4

$\frac{1}{3} - \frac{1}{5}$ =	7.165 + 4.181 =
$\frac{5}{6} \times 4$ =	4 + 27 ÷ (4 + 5) =

Name_____

Week #21

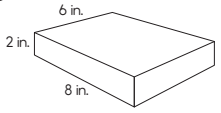
Day 1

April carries 5 suitcases to the car. Each suitcase weighs $6\frac{1}{3}$ pounds. How many pounds does April carry in all?

$4.696 - 0.232 =$

Bill planted 647 tulip bulbs in his flower garden. He had to plant the bulbs in rows of 20. How many rows was Bill able to plant? Write the answer as a mixed number.

It took 96 cubic in. cubes to fill this figure.



Find the volume of the figure by multiplying the side lengths. What do you notice?

Day 2

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

$\frac{5}{8} + \frac{2}{7} =$

Round 84.985 to the nearest tenth.

Write <, >, or = to make the statement true.

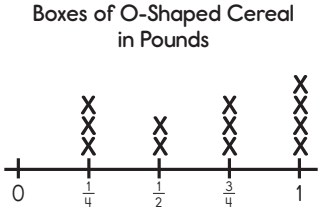
16.177 ◯ 16.117

Day 3

Leslie needs 48 ounces of charcoal for her grill. How many pounds of charcoal should she buy?

$(72 \div 9) \times 5 =$

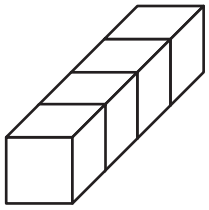
Nadia bought boxes of o-shaped cereal at the grocery store. The line plot below shows the different amounts of boxed cereal Nadia bought. How many pounds of o-shaped cereal did Nadia buy altogether?



Day 4

Find the volume of the figure by counting the unit cubes.

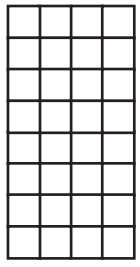
_____ cubic units



What is the value of 6 in the number 34.967?

$516 \div 6 =$

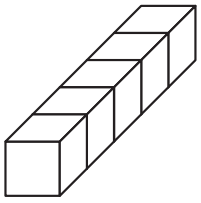
Shade the area on the grid that shows $\frac{5}{8} \times \frac{2}{4}$.



Name_____

Week #22

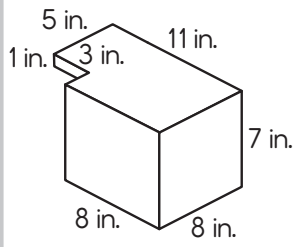
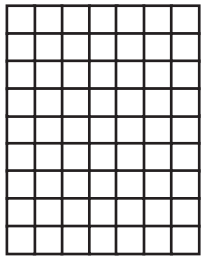
Day 1

$687 \times 0.30 =$	Write an expression for the calculation *12 added to 56 divided by 7.*
Find the volume of the figure by counting unit cubes. _____ cubic units 	What is the value of 1 in the number 58.132?

Day 2

On Monday, Delia's family drives $45\frac{1}{3}$ miles each hour. If they travel for 9 hours, how many miles do they travel altogether?	$1{,}416 \div 4$
Cynthia can complete 205 math problems in 25 minutes. How many problems can she complete in 1 minute? Write the answer as a mixed number.	$(100 + 62) \div (3 \times 3) =$

Day 3

$\frac{1}{8} \div 5 =$	Find the volume of the figure. 
Shade the area on the grid that shows $\frac{3}{9} \times \frac{3}{7}$. 	$750 \div 10^3 =$

Day 4

Taron buys fencing for his square dog pen that measures 9 feet per side. How many inches of fencing does Tim buy altogether?	Write nine and eighty-four hundredths in standard form.
Round 22.89 to the nearest whole number.	$24 \times 12 =$

Name_____

Week #31

Day 1

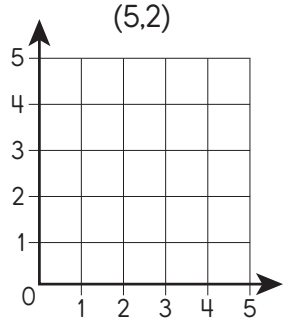
Plot the following coordinates on the coordinate plane. Then, connect the points. What polygon have you created?

(1,2)

(2,4)

(4,4)

(5,2)



118 × 92 =

On Saturday, Connor drives $62\frac{1}{4}$ miles each hour. If he travels for 4 hours, how many miles does he travel altogether?

Day 2

Is a rectangle a parallelogram?

Explain.

Write <, >, or = to make the statement true.

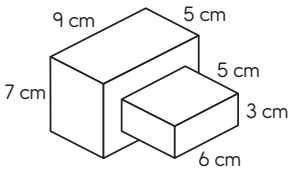
22.33 ◯ 2.33

35 – (5 × 2) =

$7 \div \frac{1}{8}$ =

Day 3

Find the volume of the figure.



9.59 – 8.13 =

Round 68.132 to the nearest tenth.

$\frac{4}{6} \times 12$ =

How could you change the fraction to get an answer greater than 12?

Day 4

Name three kinds of triangles to complete the hierarchy.

polygons

↓

triangles

↓

- _____
- _____
- _____

165 ÷ 5 =

Gene bakes 10 loaves of bread for the party. He needs 4 cups of milk for each loaf. How many quarts of milk does he need to make all of the loaves?