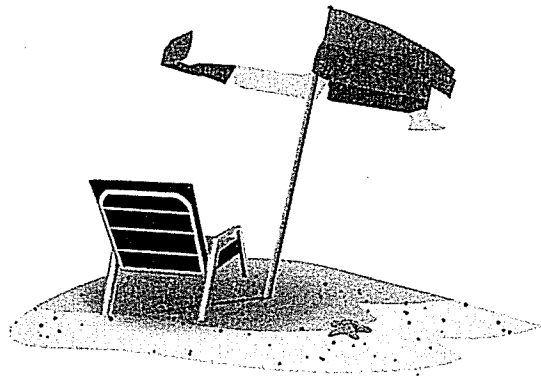


5th Grade Math

Week of June 14, 2021 - June 18, 2021



Name _____

* Please do not complete until advised by teacher*

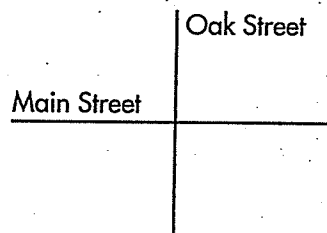
Standards Review

1. Eli's family starts with 2 whole pizzas. They eat $1\frac{3}{8}$ pizzas. How much pizza do they have left?
(A) $\frac{3}{8}$ pizza
(B) $\frac{5}{8}$ pizza
(C) $1\frac{3}{8}$ pizzas
(D) $3\frac{3}{8}$ pizzas
2. Barbara spent \$3,825 for care of her pets last year. Sam spent \$2,450 last year. How much more than Sam did Barbara spend?
(A) \$1,375
(B) \$1,400
(C) \$2,000
(D) \$6,275
3. Which fraction is less than $\frac{3}{8}$?
(A) $\frac{3}{5}$
(B) $\frac{5}{8}$
(C) $\frac{3}{10}$
(D) $\frac{4}{9}$
4. Which of the following numbers are prime?
 21
 23
 25
 27
 29

5. Mr. Martin worked 9 hours last week. Mr. Stevens worked 5 times as many hours as Mr. Martin. Write an equation to find how many hours Mr. Stevens worked.

6. Jan is painting on a rectangular canvas. The length of the rectangle is 6 feet. The area of the canvas is 24 square feet. What is the width of the rectangle?

7. This drawing shows two streets that cross each other.



What kind of angle is formed where Main Street and Oak Street cross?

1. A group of 12 students goes on a school field trip. Of all the students on the trip, 6 are in third grade. Which fraction is equivalent to $\frac{6}{12}$?

- (A) $\frac{1}{3}$
- (B) $\frac{1}{4}$
- (C) $\frac{1}{6}$
- (D) $\frac{1}{2}$

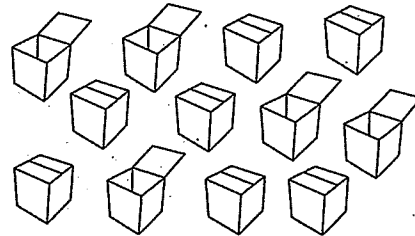
2. Conor feeds his cats a total of 9 ounces of food each day. How many days will 414 ounces of food last?

- (A) 21 days
- (B) 27 days
- (C) 46 days
- (D) 49 days

3. In 2010, the population of Tennessee was 6,346,105 people. What is the value of the digit in the ten-thousands place in 6,346,105?

- (A) Ten thousand
- (B) Sixty thousand
- (C) Forty thousand
- (D) Thirty thousand

4. What fraction of these boxes are open?



5. Mr. Lou gets 385 free minutes each month on his cell phone plan. How many free minutes does Mr. Lou get in 7 months?

6. The table shows the total cost of tickets to the museum.

Number of Tickets	4	6	7	9
Total Cost	\$44	\$66	\$77	

The rule to find the total cost is to multiply the number of tickets by 11. What is the total cost for 9 tickets?

Name _____

1. A swimmer wins a race by $\frac{2}{10}$ of a second. Which decimal is equal to $\frac{2}{10}$?
(A) 0.02
(B) 0.20
(C) 2.00
(D) 2.10
2. A baker starts with $\frac{4}{10}$ kilogram of flour to make bread. He adds $\frac{3}{100}$ kilogram of flour to his bread mixture. How much total flour is used to make the bread?
(A) $\frac{7}{10}$ kilogram
(B) $\frac{7}{100}$ kilogram
(C) $\frac{43}{100}$ kilogram
(D) $\frac{43}{10}$ kilogram
3. Which fraction is equivalent to $\frac{8}{12}$?
(A) $\frac{4}{6}$
(B) $\frac{6}{8}$
(C) $\frac{3}{4}$
(D) $\frac{6}{10}$
4. Frida saves \$25 each week for 12 weeks. How much money does Frida save in all?
(A) \$13
(B) \$37
(C) \$275
(D) \$300

5. Marti's cat weighs 12.37 pounds. What is this weight written as a mixed number?

6. Eliza started the pattern shown below.



If she continues the pattern, what will she use for the 27th shape?

7. What is the value of the underlined digit?

34.25

8. A ray separates a right angle into two acute angles. One of the acute angles measures 37° . What is the measure of the other acute angle?

1. Acme Nails made 55,672 nails last year. The Jones Company made more nails than Acme did. Which could be the number of nails made by the Jones Company?

- (A) 55,599
- (B) 55,674
- (C) 55,573
- (D) 55,672

2. The chart shows the distance to City X from 4 other cities.

Distances to City X

Cities	Distance
P	6,239 miles
Q	6,340 miles
R	6,240 miles
S	6,308 miles

Which lists the cities in order from least to greatest distance to City X?

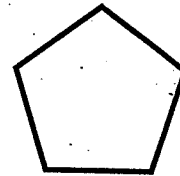
- (A) P, R, S, Q
- (B) P, Q, R, S
- (C) S, R, Q, P
- (D) S, P, Q, R

3. Which number is greater than 998,999 but less than 1,000,000?

- (A) 998,898
- (B) 989,999
- (C) 998,909
- (D) 999,009

4. Write two whole numbers that are less than 941,020.

5. Look at the shape below.



How many lines of symmetry does this shape have?

A rectangle is 25 feet long. Its area is 375 square feet.

6. What is the width of the rectangle?

7. What is the perimeter of the rectangle?

Name _____

1. The population of a city is 765,483. What is this number rounded to the ten thousands place?

(A) 750,000
(B) 760,000
(C) 765,000
(D) 770,000
2. Lucy's ranch has 1,718 acres and Paul's ranch has 2,484 acres. What is the difference in size between the two ranches?

(A) 766 acres
(B) 776 acres
(C) 1,766 acres
(D) 1,776 acres
3. Stuart is $4\frac{1}{2}$ feet tall. How tall is he in inches?

(A) 45 inches
(B) 48 inches
(C) 50 inches
(D) 54 inches
4. Which of the following numbers are prime?

31
 33
 35
 37
 39
5. Gina estimates that her mom's truck weighs about 6,000 pounds. How can you write 6,000 using exponents?

6. The attendance of the Strawberry Festival over two weeks was 645,300. Write the number in expanded form using exponents.

7. Tucker weighed 3.835 kilograms when he was born. Write the number in expanded form.

8. A towing company has 135 tow trucks. Each tow truck needs 6 tires. How many tires does the company need for its tow trucks?

MATH MYSTERY:

CASE OF THE GRADUATION GREMLINS

Date: _____



It is almost the end of the school year, but trouble has struck Mathhattan Elementary School! Teachers and students have reported that a gang of gremlins have been vandalizing the school and taking all sorts of important items required for graduation celebrations.

Mrs. Frumpy complained, "They took my awards, certificates, memory books, games, prizes, hats, and even my microphone! How are my students going to graduate now? They are so disappointed with these mischievous gremlins trying to ruin the end of the year for everyone."

Sophia, a student, cried, "We were going to have a graduation party with food and games, but those terrible gremlins just stormed right into the classroom and took them all!"

Another student, named Anthony, put in the following statement, "I saw a group of gremlins sneak into the Principal's office and run out with her books, awards, trophies, and computer! Someone must find where the gremlins are hiding with all of our things so that we can graduate and celebrate the end of the year properly!"

MATH DETECTIVE NEEDED TO SEEK OUT THE GREMLIN GANG HIDEOUT AND RECOVER THE STOLEN GRADUATION ITEMS!!!

The police have made a list of all the possible places the gang of gremlins could be hiding. However, they need a super detective with math skills to help them solve this case.

Let's hope that we can find these gremlins trying to ruin graduation, recover all of the stolen items and put a stop to them, ruining the end of the school year for everyone!



POSSIBLE HIDEOUTS

Hideout Place	Distance From Mathhattan Elementary School	Size	Temperature of Hideout	Positional Direction	Is it Underground? Yes/NO
Algebra Island	Far	Large	Warm	West	No
Crystal Cave	Close	Large	Cold	East	No
Sewer	Close	Large	Cold	North	Yes
Abandoned Theme Park	Far	Large	Warm	South	No
Pets Paradise Hotel	Close	Large	Warm	East	No
Crimson Chambers	Close	Medium	Cold	South	Yes
Chuck's Car Yard	Far	Medium	Warm	West	No
Pepe's Pizzeria Store Room	Close	Small	Cold	North	No
Behind the Donut Queen's Shop	Far	Small	Warm	South	No
The Historical Catacombs	Close	Large	Cold	South	Yes
Mrs Frumpy's Basement	Close	Small	Cold	North	Yes
The Graveyard	Far	Large	Cold	East	No
Mathhattan Subway Station	Close	Medium	Warm	South	Yes
The Local IT Company	Close	Medium	Cold	South	No
Slimewort's Abandoned Lair	Close	Small	Cold	West	Yes

Solve the clues and then cross the hideout place off the list until one remains!
The last place remaining is where the gremlins are hiding with all of the graduation items!

SQUARE NUMBERS – CLUE 1

Crack the code by completing the square number questions below. Use your answers to match and place the letters in the boxes to reveal the clue. Put the letter in every box that it matches your answer in (there may be more than one!) The first one has been done for you!

49	64	144	9	100

					U	
64	9	121	144	36	4	49

	U		
25	4	81	49

1	144

400	16	36	81	144

49	36

49	64	144

81	400	64	36	36	16

$$2^2 = \frac{4}{U}$$

$$4^2 = \frac{\quad}{L}$$

$$10^2 = \frac{\quad}{R}$$

$$3^2 = \frac{\quad}{I}$$

$$5^2 = \frac{\quad}{M}$$

$$8^2 = \frac{\quad}{H}$$

$$12^2 = \frac{\quad}{E}$$

$$9^2 = \frac{\quad}{S}$$

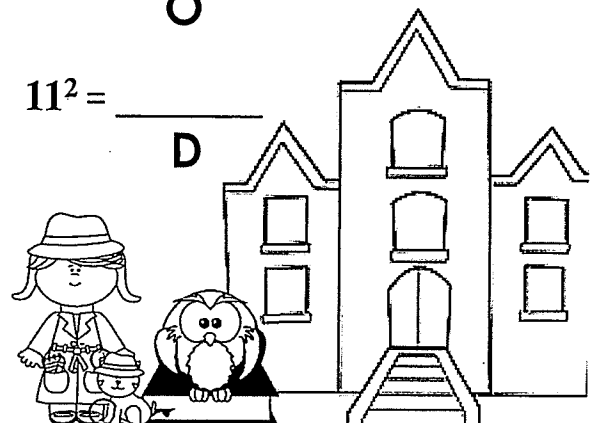
$$6^2 = \frac{\quad}{O}$$

$$1^2 = \frac{\quad}{B}$$

$$7^2 = \frac{\quad}{T}$$

$$11^2 = \frac{\quad}{D}$$

$$20^2 = \frac{\quad}{C}$$



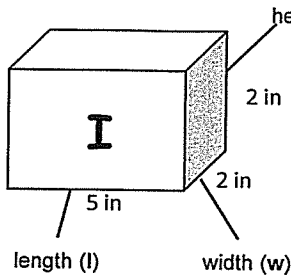
Name: _____

Case of the Graduation Gremlins

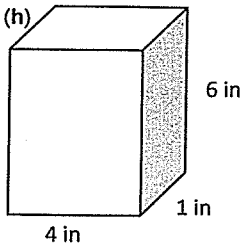
Imperial Units

VOLUME – CLUE 2

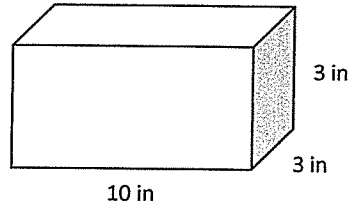
Reveal a clue about the Gremlins hideout place by working out the volume of each rectangular prism below using the volume formula $V = L \times W \times H$. Use your answers to find which letter to place inside each shape. The first one has been done for you!



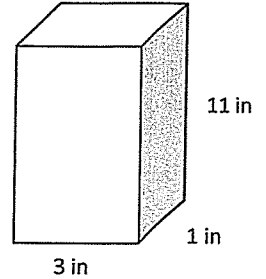
Volume = 20 in³



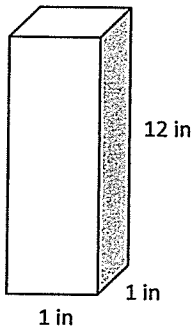
Volume = _____



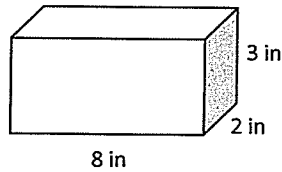
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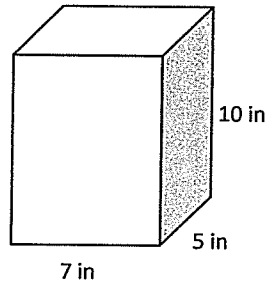
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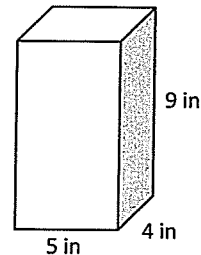
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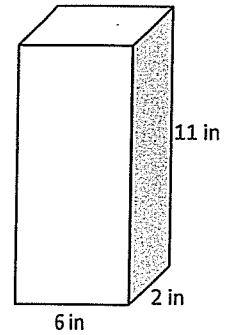
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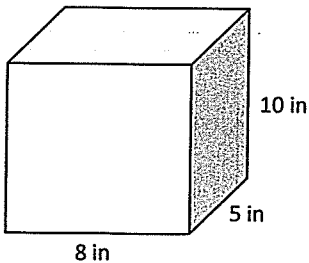
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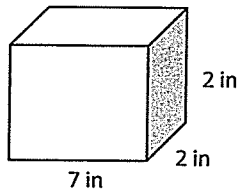
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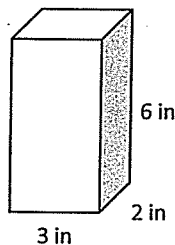
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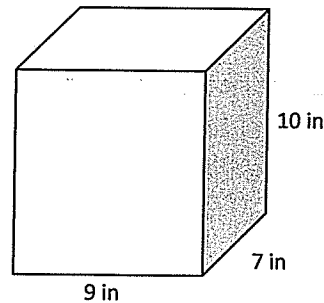
Volume = _____



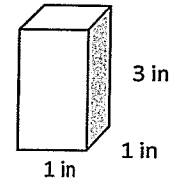
Volume = _____



Volume = _____



Volume = _____



Volume = _____

20 cubic inches = I

28 cubic inches = L

36 cubic inches = A

3 cubic inches = E

33 cubic inches = S

132 cubic inches = D

12 cubic inches = A

180 cubic inches = L

24 cubic inches = T

350 cubic inches = O

90 cubic inches = I

630 cubic inches = C

48 cubic inches = C

400 cubic inches = P

REDUCING FRACTIONS – CLUE 3

In the grid below you will find a number of public statements that the police collected, however unfortunately only one of them is revealing a correct clue. Reduce the fractions to the lowest form in the list at the bottom of the page, and then look for your answer in the statement boxes and cross out that box (meaning that the statement in that box has been eliminated). The one statement box left standing after completing all of the questions, is the one with the correct clue!

Do you think that it is possible that the gremlins are hiding in the school? $\frac{7}{10}$	My sister said that she saw a gang of gremlins running with all of the graduation items towards Chuck's Car Yard. $\frac{3}{4}$	There has been some gossip around town that they are hiding in a medium sized place south of Mathhattan Elementary. $\frac{1}{8}$	I'd say they are probably also who are responsible for our poor Internet connection lately, have you check in with the Local IT Company? $\frac{3}{40}$
I think I saw a couple of gremlins hiding a stash of certificates in a place in the northern direction. $\frac{4}{5}$	I saw this medium place that would be great for hiding all of the items they took. $\frac{9}{10}$	They are probably lurking in one of those strange places in the south. $\frac{2}{3}$	I'm pretty sure the gremlins have been meddling with my computer every night! $\frac{1}{5}$
My guess is that the gremlins are probably hiding in a large place. $\frac{1}{3}$	I heard that gremlins are scared of the dark, so they wouldn't be hiding underground. $\frac{3}{5}$	My Aunt said that she spoke to a man who said that he saw a bunch of gremlins running with the graduation items west of Mathhattan. $\frac{1}{4}$	I wouldn't be surprised if they were colluding with Mrs Frumpy and in fact hiding in her basement! $\frac{9}{20}$
The gremlins must be hiding underground to not be easily noticed or found with all of the items. $\frac{2}{5}$	The gremlins must be hiding in a small place, because they like confined spaces. $\frac{6}{11}$	I'm pretty sure I saw a gremlin running into the local IT company. $\frac{1}{2}$	Rumor has it that the gremlins are probably using Slimewort's abandoned lair. $\frac{1}{6}$

$\frac{10}{30} =$

$\frac{5}{40} =$

$\frac{24}{30} =$

$\frac{25}{50} =$

$\frac{44}{66} =$

$\frac{81}{108} =$

$\frac{450}{1000} =$

$\frac{12}{60} =$

$\frac{36}{66} =$

$\frac{49}{70} =$

$\frac{40}{160} =$

$\frac{8}{48} =$

$\frac{900}{1000} =$

$\frac{75}{1000} =$

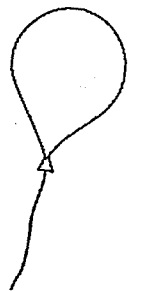
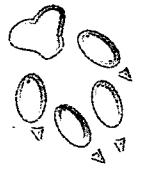
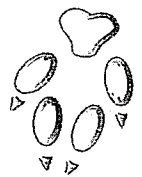
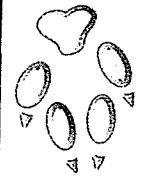
$\frac{36}{60} =$

Name: _____

COORDINATES- CLUE 4

Locate which letter is at each coordinate listed, and then write that letter in the empty box provided above the coordinate given. Once you have found all of the letters and arranged them into the empty boxes, a clue will be revealed! The first one has been done for you.

10	S	A	W	O	D	I	N	S	H	U	V
9	E	S	D	S	A	C	R	O	S	M	F
8	P	G	T	W	J	S	F	T	L	R	O
7	F	Y	I	A	G	M	H	R	I	P	U
6	Q	T	H	K	O	C	L	A	E	L	F
5	I	B	O	E	G	I	N	P	L	N	J
4	L	U	X	F	N	A	T	M	S	R	O
3	N	E	T	R	U	Z	G	A	I	U	E
2	G	O	G	A	K	E	M	V	O	J	H
1	F	I	D	S	E	T	H	Y	P	N	O
	A	B	C	D	E	F	G	H	I	J	K



G						
---	--	--	--	--	--	--

(C,2) (H,7) (E,1) (J,9) (A,4) (C,7) (G,5)

--	--	--	--	--	--	--	--	--	--

(K,6) (E,6) (I,2) (G,4) (A,8) (D,3) (F,5) (J,1) (B,6) (H,10)

--	--	--	--

(D,8) (K,3) (G,9) (I,6)

--	--	--	--	--

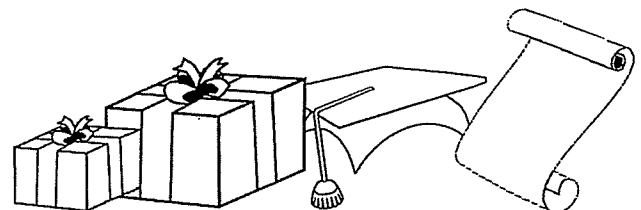
(A,7) (K,1) (B,4) (J,5) (E,10)

--	--	--	--	--	--	--

(I,10) (F,2) (H,3) (C,9) (B,1) (E,4) (A,2)

--	--	--	--	--

(F,8) (D,10) (J,3) (C,8) (G,1)



Name: _____

ADDING DECIMALS - CLUE 5

Discover clue 5 by correctly adding the decimals below. Locate your answer at the bottom and see what letter it matches to write in the box. The first one has been done for you!

$$\begin{array}{r} 23.1 \\ + 22.2 \\ \hline 45.3 \end{array}$$

T

$$\begin{array}{r} 43.2 \\ + 13.6 \\ \hline \end{array}$$

$$\begin{array}{r} 47.75 \\ + 42.68 \\ \hline \end{array}$$

$$\begin{array}{r} 83.79 \\ + 19.21 \\ \hline \end{array}$$

$$\begin{array}{r} 29.9 \\ + 45.8 \\ \hline \end{array}$$

$$\begin{array}{r} 27.96 \\ + 9.45 \\ \hline \end{array}$$

$$\begin{array}{r} 62.68 \\ + 15.94 \\ \hline \end{array}$$

The answers are jumbled up below with a letter to help crack the code!

45.3 = T

76.01 = G

80 = O

82.75 = R

78.62 = S

44.53 = S

78.94 = E

47.9 = A

75.7 = L

91.58 = G

55.9 = L

99.58 = R

56.8 = P

103 = B

37.41 = F

90.43 = M

34.06 = H

87.7 = E

82.25 = E

71.5 = T

24.81 = E

23.94 = R

54.74 = T

55.23 = C

78.78 = E

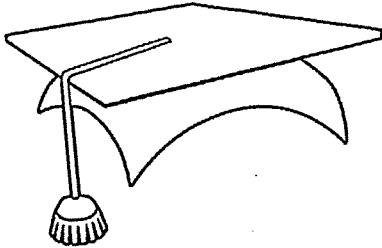
92.1 = A

76.45 = A

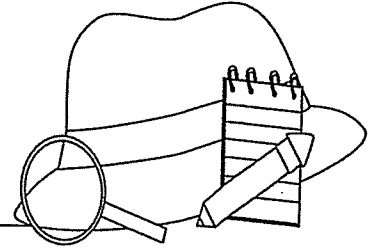
53.7 = O

93.4 = U

SOLVE THE MYSTERY: WHERE ARE THE GRADUATION GREMLINS HIDING?



Detective



(your name)

Has discovered that the Graduation Gremlins' Hideout is:

Clues Checklist:

Clue 1

Clue 2

Clue 3

Clue 4

Clue 5



Teacher to check and tick

Well done you have found where the gremlins are hiding and recovered all of the graduation items!



Oops! No that is not where the gremlins are hiding. Try Again.

Name: _____

Camping Adventure

Math Story by Claudette J. Young

Last Saturday Wendy invited five friends for a weekend campout in her backyard. She paced and fretted, waiting for Saturday to arrive. When it did, Wendy's mother took her to the grocery store early that morning.



"We need to buy the food you girls will have on your campout," her mother said.

At the store, they bought:

- 16 ounce package of ten hot dogs @ \$1.49
- 11 ounce package of hot dog buns @ \$1.98
- 14.4 ounce package of graham crackers @ \$1.25
- 10 ounce package of marshmallows @ \$1.89
- 39 ounce box of chocolate bars @ \$3.09
- 16 ounce bag of potato chips @ \$3.29

Wendy's mother paid for the food and they left the store to go home.

That evening Wendy and her friends got ready for their cookout, Wendy pulled the food from the cooler and began opening packages. Each paper plate had a hot dog bun waiting to be filled. Six roasting sticks sprouted hot dogs and hovered over low flames in the fire pit.

After the girls ate their first hot dogs, Wendy realized that there were only four hot dogs left. There wasn't enough for everyone to have a second one. She asked how many girls wanted another hot dog and three girls called out. Whew! Those who wanted one could have one.



When Wendy looked at the buns, she found only two buns were left. She told the three girls who readied their roasting sticks that one of them wouldn't have a bun. One girl laughed and said that always happened at her home and she could eat her "dog" without a bun.

When it came time for smores, each girl had two.

Everyone went to sleep that night satisfied with the food, the singing around the campfire, and their friendship.

Name: _____

Camping Adventure

Math Story by Claudette J. Young



Use information from the story to answer the questions.
Show your work in the space to the right.

1. If there were four hot dogs left after each girl had eaten one, how many hot dogs total had been in the package?

answer: _____

2. How many buns had been in a full bag?

answer: _____

3. How much did the food cost with an added \$.72 sales tax?

answer: _____

4. How much change did Wendy's mother receive from \$20.00?

answer: _____

5. How much did the ingredients for the smores weigh?

answer: _____

6. If each girl used one marshmallow per smore, how many marshmallows were used in all?




















answer: _____

Name: _____

King of Hip Hop!

Plot the points in each group and connect them in order with a line. When you come to a STOP sign, begin a new group connecting the points only in each group.

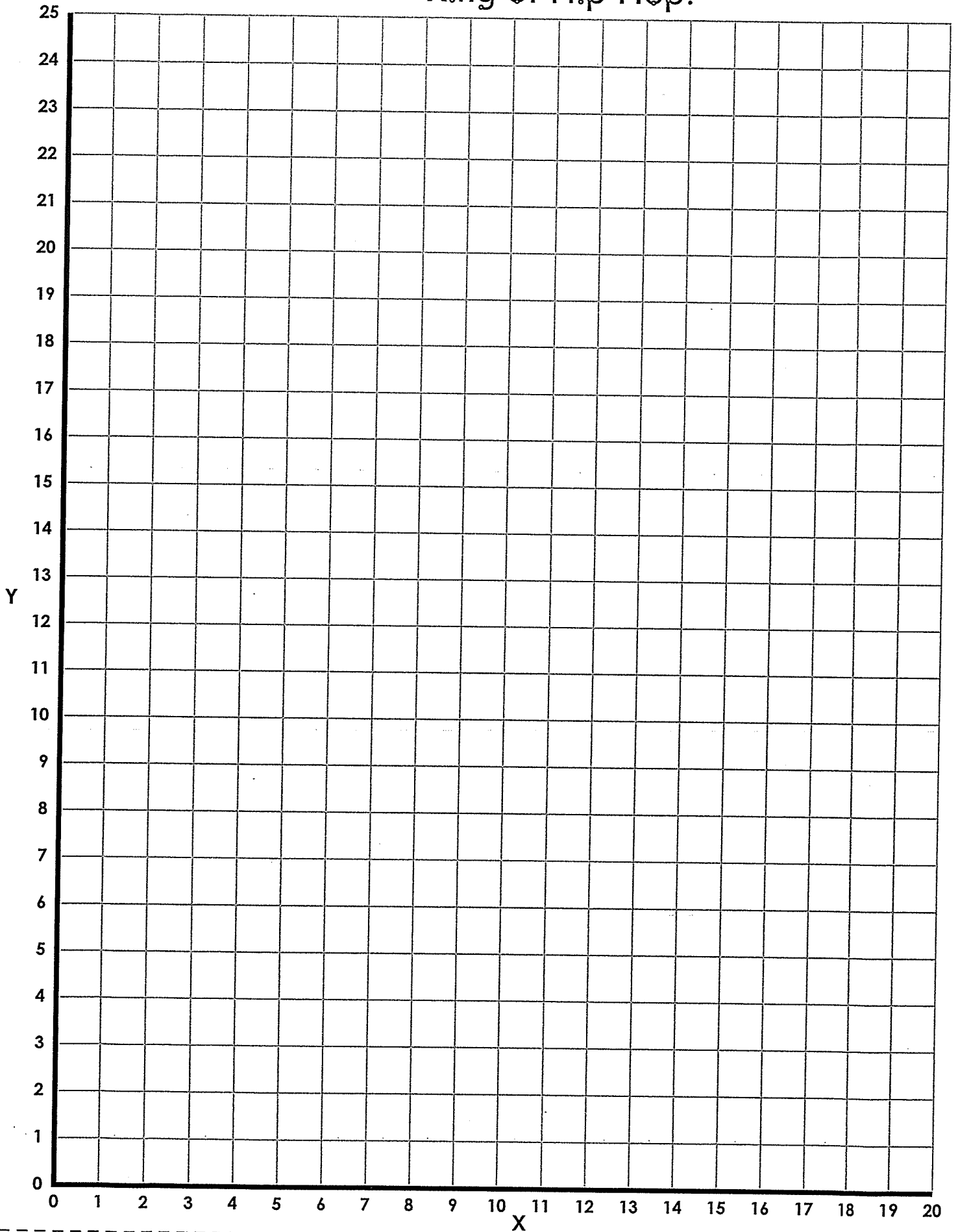
NOTE: In each group, do not connect the last point back to first point unless the last point in the group is the same point as the first.

<u>(X, Y)</u>	<u>(X, Y)</u>	<u>(X, Y)</u>	<u>(X, Y)</u>	<u>(X, Y)</u>
<input type="checkbox"/> (15, 17)	<input type="checkbox"/> (15, 9)	<input type="checkbox"/> (15, 7)	<input type="checkbox"/> (16, 14)	<input type="checkbox"/> (15, 14)
<input type="checkbox"/> (16, 17)	<input type="checkbox"/> (20, 10)	<input type="checkbox"/> (16, 7)	<input type="checkbox"/> (16, 11)	<input type="checkbox"/> (17, 14)
<input type="checkbox"/> (16, 16)		<input type="checkbox"/> (16, 8)	<input type="checkbox"/> (14, 9)	<input type="checkbox"/> (19, 15)
<input type="checkbox"/> (15, 17)	<input type="checkbox"/> (14, 21)	<input type="checkbox"/> (15, 9)	<input type="checkbox"/> (14, 8)	<input type="checkbox"/> (19, 16)
	<input type="checkbox"/> (15, 23)	<input type="checkbox"/> (16, 11)	<input type="checkbox"/> (15, 7)	<input type="checkbox"/> (18, 17)
<input type="checkbox"/> (19, 2)	<input type="checkbox"/> (16, 21)		<input type="checkbox"/> (15, 6)	<input type="checkbox"/> (16, 18)
<input type="checkbox"/> (17, 4)	<input type="checkbox"/> (16, 19)	<input type="checkbox"/> (6, 2)	<input type="checkbox"/> (13, 6)	<input type="checkbox"/> (14, 18)
<input type="checkbox"/> (16, 4)	<input type="checkbox"/> (15, 18)	<input type="checkbox"/> (14, 4)	<input type="checkbox"/> (13, 7)	
<input type="checkbox"/> (14, 3)		<input type="checkbox"/> (14, 2)		<input type="checkbox"/> (6, 13)
<input type="checkbox"/> (16, 3)	<input type="checkbox"/> (14, 3)	<input type="checkbox"/> (6, 2)	<input type="checkbox"/> (13, 17)	<input type="checkbox"/> (8, 13)
<input type="checkbox"/> (17, 2)	<input type="checkbox"/> (16, 2)		<input type="checkbox"/> (12, 18)	<input type="checkbox"/> (9, 12)
<input type="checkbox"/> (17, 3)	<input type="checkbox"/> (16, 3)	<input type="checkbox"/> (4, 7)	<input type="checkbox"/> (11, 20)	<input type="checkbox"/> (10, 10)
<input type="checkbox"/> (19, 2)		<input type="checkbox"/> (0, 6)	<input type="checkbox"/> (11, 23)	<input type="checkbox"/> (9, 8)
	<input type="checkbox"/> (13, 17)		<input type="checkbox"/> (14, 21)	<input type="checkbox"/> (11, 8)
<input type="checkbox"/> (5, 9)	<input type="checkbox"/> (12, 16)	<input type="checkbox"/> (10, 2)	<input type="checkbox"/> (15, 19)	<input type="checkbox"/> (12, 7)
<input type="checkbox"/> (4, 8)	<input type="checkbox"/> (12, 15)	<input type="checkbox"/> (10, 3)	<input type="checkbox"/> (15, 18)	<input type="checkbox"/> (12, 6)
<input type="checkbox"/> (3, 8)	<input type="checkbox"/> (9, 16)			<input type="checkbox"/> (5, 6)
<input type="checkbox"/> (2, 9)	<input type="checkbox"/> (6, 15)	<input type="checkbox"/> (12, 7)	<input type="checkbox"/> (13, 2)	<input type="checkbox"/> (4, 7)
<input type="checkbox"/> (2, 10)	<input type="checkbox"/> (4, 13)	<input type="checkbox"/> (13, 7)	<input type="checkbox"/> (13, 3)	<input type="checkbox"/> (4, 8)
<input type="checkbox"/> (3, 11)	<input type="checkbox"/> (4, 11)	<input type="checkbox"/> (12, 9)		
<input type="checkbox"/> (4, 11)		<input type="checkbox"/> (13, 11)	<input type="checkbox"/> (11, 3)	<input type="checkbox"/> (11, 2)
<input type="checkbox"/> (5, 10)				

Now color your picture

Name: _____

King of Hip Hop!

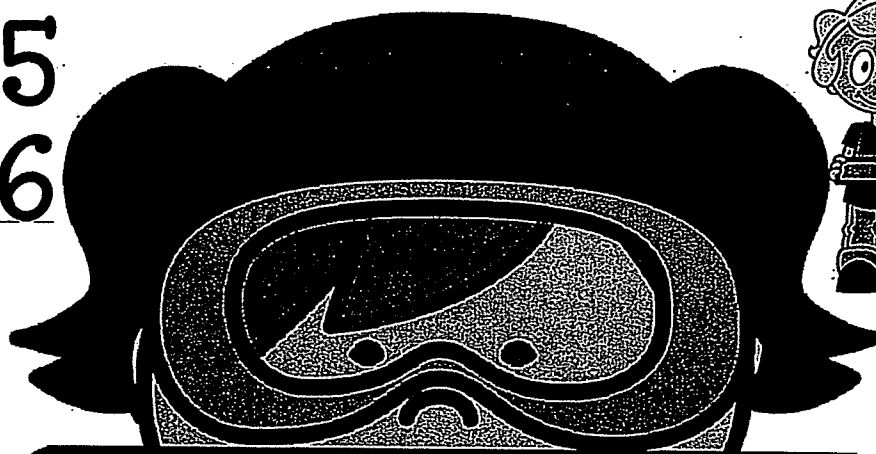




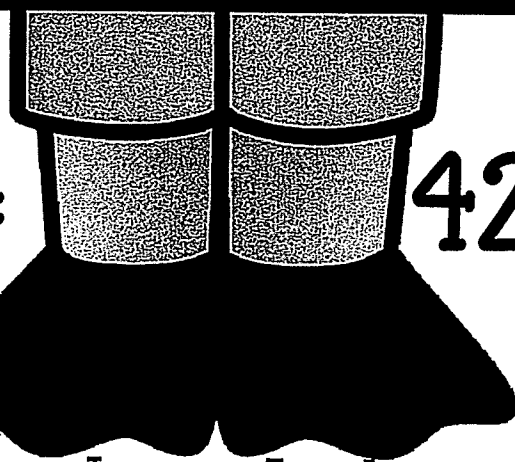
4.95
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40.0
22.3



5th Grade
Summer
Math
Review



.09



.7 =

42



.06 =

This packet belongs to:

Keep up your math skills by spending time on math this summer.

Name _____

Summer Review # 1

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
$95.2 + 5.17 =$	$95.2 - 5.17 =$	$95.2 \times 5.1 =$	$95.2 \div 5.1 =$

Write a positive value for n that makes this statement true: $1 \times n$ is less than 1 but greater than 0.

Which equation has the same unknown value as $425 \div 25 = \square$?

- (A) $425 \times \square = 25$
- (B) $\square \div 425 = 25$
- (C) $25 \times \square = 425$
- (D) $\square \div 25 = 425$

Which expression is equal to $\frac{7}{8}$?

- (A) $7 \div 8$
- (B) 8×7
- (C) $8 \div 7$
- (D) 7×8

Which expression correctly shows the sum of the product of 8 and 5 and the difference of 25 and 12?

- (A) $8 + (5 \times 25) - 12$
- (B) $(8 \times 5) + (25 - 12)$
- (C) $(8 \times 5) - (25 + 12)$
- (D) $8 - (5 \times 25) + 12$

Sarah is using a calculator to multiply 3245 and 20. She enters 3245×200 by mistake. What can Sarah do to correct her mistake?

- (A) add 180 to the product
- (B) subtract 180 from the product
- (C) Multiply the product by 10
- (D) Divide the product by 10

Name _____

Summer Review # 8

Show your work remember to show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
$5\frac{3}{8} + 3\frac{1}{5} =$	$5\frac{3}{8} - 3\frac{1}{5} =$	$5\frac{3}{8} \times 3\frac{1}{5} =$	$5 \div 3\frac{1}{5} =$

Write the product. 4659×47

Four students plan to share the cost for ordering pizza. Each student says how much of a whole pizza they want to eat.

I want to eat $\frac{3}{4}$ of a pizza.



Bill

I want to eat $\frac{3}{6}$ of a pizza.



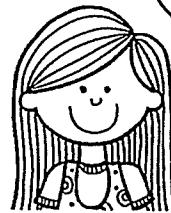
Cynthia

I want to eat $\frac{1}{2}$ of a pizza.



John

I want to eat $\frac{2}{8}$ of a pizza.



Rosie

- Bill and Cynthia only want Combo pizza
- John and Rosie only want pepperoni pizza.
- Combo and pepperoni can only be ordered as whole pizzas.

What is the **minimum** number of whole pizzas they must order so that each student has as much of the kind of pizza they say they want to eat?

Name _____

Summer Review # 9

Show your work (stack the numbers) show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
$213.12 + 28.8 =$	$213.12 - 28.8 =$	$213.12 \times 28.8 =$	$213.12 \div 28.8 =$

Round to the nearest hundredths.

351.015 _____

832.304 _____

270.697 _____

Which expression is equal to 537.085?

- (A) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{10}) + 5 \times (\frac{1}{100})$
- (B) $5 \times 100 + 3 \times 10 + 7 + 8 \times (\frac{1}{100}) + 5 \times (\frac{1}{1000})$
- (C) $5 \times 1000 + 3 \times 100 + 7 + 8 \times (\frac{1}{100}) + 5 \times (\frac{1}{1000})$
- (D) $5 \times 10000 + 3 \times 1000 + 7 \times 100 + 8 \times 10 + 5$

A rectangular prism has a volume of 420 cubic units. The length is 10 units. The width is 7 units. What is the height?

- (A) 6 units
- (B) 7 units
- (C) 60 units
- (D) 70 units

Mr. Johnson is buying popsicles for his class as a treat. He has 25 students. A box of 20 Tropical popsicles costs \$4.59. While a box of 18 Firecracker popsicles costs \$3.97. What is the price per popsicle for the Tropical popsicles?

Name _____

Summer Review # 20

Show your work remember to show any regrouping

Find the sum	Find the difference	Find the product	Find the quotient
$18\frac{2}{5} + 6\frac{1}{4} =$	$18\frac{2}{5} - 6\frac{1}{4} =$	$18\frac{2}{5} \times 6\frac{1}{4} =$	$18 \div 6\frac{1}{4} =$

Write the product. 4106×53

Megan is cleaning her closet and packing a large tub with shoe boxes.

- The dimensions of the shoe boxes are 12 inches by 8 inches by 4 inches.
- The dimension of the box is 24 inches by 24 inches by 16 inches.
- All the shoe boxes and the tub are rectangular prisms.

Part A

How many shoe boxes can fit in the tub if the shoe boxes are packed so that there is no unused space in the tub?

_____ shoe boxes

Part B

Each shoe box weighs 2 pounds. The maximum weight that Megan can lift is 40 pounds.

What is the greatest number of shoe boxes that can fit in the box without going over Megan's weight limit?

_____ shoe boxes