Name:
Cross off the number that does NOT belong.

$$
\begin{gathered}
\frac{1}{6} \quad,(1),(6),(36) \\
(216),(429),(1,296),(7,776) \\
(46,656),(279,936),(1,679,616)
\end{gathered}
$$

Why does $\qquad$ not belong in the pattern?

Cross off the number that does NOT belong.

$$
18,27,37,48,60,73,87,102,118,120,135
$$

Why does $\qquad$ not belong in the pattern?

Name: $\qquad$
Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 5 .
Every row must contain the numbers $1,2,3,4$, and 5 .
Every column must contain the numbers $1,2,3,4$, and 5 .
In a cage with a plus sign, the given number will be the sum of all the digits in the cage.
In a cage with a subtraction sign, the given number will be the difference. The largest number will always be the box with the clue.


Fill in the blanks. These equations are from the puzzle above.
$\qquad$ $+4+\ldots=8$ $\qquad$ $-3=1$
$\qquad$
$\qquad$

$$
+1=10
$$

5 - $\qquad$ $=3$

$$
\begin{aligned}
& 2-\ldots=1 \\
& 3+\ldots=8
\end{aligned}
$$

$\qquad$

$$
+3+
$$

$\qquad$

$$
=9
$$

$$
-3=1
$$

Name:

Anna made a calendar to organize her life. She used her computer and entered all her plans on the appropriate days. She had to be careful, though, because the squares were so small. Each square was 1.02 inches on each side. What was the total area of 30 squares? Round your answer to the nearest hundredth.

Half of the students in the fourth grade at Geneva Elementary don't know the fable "Androcles and the Lion." If 87 students in the fourth grade don't know about "Androcles and the Lion", how many students are in the fourth grade at Geneva Elementary?

Fill in the missing numbers.

The number 100,000 times 4,993 =
The number one thousand times 4,993=
The number 100,000 times $499.3=$

Fill in the missing numbers.

$$
0.05989 x \_=598.9
$$

$$
5.989 \times \ldots=598.9
$$

$$
59.89 x \_=598.9
$$

Name:
Put these numbers in order from smallest to largest.
7.58
7.606
7.6
7.59

Is 651 closer to 600 or 700 ?
Amanda bought six candy
bars. It cost \$3.12. How
much did each candy bar cost?
$(65,536),(16,384)$,
$(4,096),(1,024),(256)$
, (64) ,
At 1 p.m. today, Anna will not be able to use her electronics for 3 hours. At what time will she be able to resume using her phone?
$12 \times 3=$

Emma has 26 nickels. How much money is that?

In the number 535,187, the digit 7 is in what place?

Circle the correct answer.
I have often heard that it takes (to/two) to tango.

Name:
Jessica likes to run. She used a running app on her phone in November. During the month, she ran an average of 1.5 miles per day. How many miles did she run for the entire month?
$79-\frac{7}{9}=$
13. 15, $\qquad$ 19, 21, 23

Reduce $\frac{22}{32}$ to its lowest terms.

Name the shape with four sides and four angles.
$12-\frac{1}{2}+\frac{4}{7}=$

Which number has exactly 13 ones?
$28 \div 7=\left[\begin{array}{l}1 \mathrm{~km}=1,000 \mathrm{~m} \\ 7 \mathrm{~km}=\ldots \mathrm{m}\end{array}\right.$

Name:

If you multiply $310 \times 870$, you will have a number that is how much bigger than $155 \times 290$ ?

It will be five times as big.
It will be six times as big.
It will be twice as big.
It will be three times as big.
It will be nine times as big.
$(6+9)+8=$

Write a prefix and a suffix to complete the root word.
$\qquad$ luck $\qquad$

Mary wants Rosa to guess a two digit number. She tells Rosa that her number has two different digits. The digits are 7 and 2. Rosa thinks. She then guesses the number 27. What are the chances that Rosa has guessed correctly?
$16 \mathrm{~cm}=$ $\qquad$ mm

Emma will win if a random number pulled out of a box is a multiple of 4.28 pieces of paper, numbered 17 to 44 , are put inside a box. What is the chance that Emma will win?

85
$\begin{array}{r}-29 \\ \hline\end{array}$

44
$\begin{array}{r}47 \\ \hline\end{array}$

Name:
The vowels are missing in the word search.
Fill in the missing vowels and circle the words.

Amanda has two favorite numbers. If you add her favorite numbers, you get 24 . If you multiply her favorite numbers, you get 108. What are her mystery numbers?

The groundhog came out of his burrow for only 0.55 minutes. Write that number as a fraction.
$\begin{array}{lll:l:llll}B & R & D & P & L & L & S\end{array}$
$\mathrm{L} \quad \mathrm{Y} M \mathrm{~L} \quad \mathrm{~L}$
$R: N N$
L Y R $\quad$ Y S M T W L
COLUMN • APRON • TEMPORARY
HOLLOW • VELVET • SPACIOUS
DOUBLE • PROCLAIM • LOOSE
DISPLAY • HEAD • TOLERANT

How many pounds are in 96 ounces?
pounds

| Circle the greatest number:$\begin{gathered} 70,683,542 \\ 814,024,971 \\ 91,608,342,795 \\ 672,395 \end{gathered}$ | Which reference material would you consult to find the answer to this question? | $4 \times 11=$ |
| :---: | :---: | :---: |
|  | pronounce the word "aunt"? | $6 \times 3=$ |

Circle the digit in the tenths place.
597.527

Circle the correctly spelled words.
function, stilness, information

Name: $\qquad$

$$
6 \cdot 6 \cdot x \cdot 5 \cdot 3 \cdot 2 \cdot 7 \cdot 2 \cdot \div \bullet 8 \bullet=\bullet 9 \cdot 2 \cdot 8 \cdot 5 \cdot 7 \cdot 1
$$

Use the pieces above to help you fill in the runaway math puzzle.


Circle the addition property for $23+103=103+23$.
commutative property associative property

Write a letter that has a line of symmetry.

For 989,421,929, write the digit that is in the ten thousands place.

Anne will win if a random number pulled out of a box is an odd number. 24 pieces of paper, numbered 1 to 24 , are put inside a box. What is the chance that Anne will win?

Name: $\qquad$

$$
\begin{aligned}
& \div \cdot=\bullet+\bullet 6 \cdot 4 \cdot 2 \cdot 7 \cdot 1 \cdot 3 \cdot 5 \cdot 5 \cdot 6 \cdot 0 \bullet \div \cdot 7 \cdot 4 \\
& =\cdot 7 \cdot 5 \cdot 3
\end{aligned}
$$

Use the pieces above to help you fill in the runaway math puzzle.

$20 \div 4=$

How many digits are in the number of days in the current month?

Insert commas in the correct places in this sentence.
My favorite dogs from literature are Old Yeller Fang Snowy and
Toto.

Name: $\qquad$
Find 2 equations hidden in each box. Good luck!

## $853+55 \quad 955$ <br> $$
198+98
$$ <br> $$
43+792
$$ <br> $$
24+886
$$

$$
684
$$

564

$$
21+904
$$

291

Write 2 equations: $\qquad$

$$
4
$$

$$
8
$$

$$
\begin{array}{ll}
1 & 3 \\
& 5-2 \\
6-1 & 2
\end{array}
$$

$$
5
$$

Write 2 equations:


Write 2 equations:

Name:

Wendy has 121 Zeemos, which are tiny hairy stuffed animals. To keep them from her younger siblings, she wants to put them away. Her desk has 5 drawers, and she can fit 23 into each drawer. How many will still need a home after she fills her desk drawers?

April and Ava play on the same softball team. April was lucky enough to get her favorite number on her jersey. She likes it because the sum of its two digits is 9 . If you take April's jersey number and reverse the digits, you would get Ava's jersey number. Ava has the smaller jersey number. It is 63 less than April's. What could their jersey numbers be?

At Jessica's Books, they are having a big sale. All the blue books are $\$ 9$, and Jessica, the owner, makes 43 cents from each sale. She is hoping to earn $\$ 50$ during the big sale. How many books will she need to sell?

Sarah and Gavin both drew pictures of robots. Gavin's robot is three times as tall as Sarah's robot. If you stack the robots on top of each other, their height is 32 centimeters. How tall is each robot?

Name:
Divide and write the remainder.
$5 \longdiv { 8 7 3 }$
$2 \longdiv { 2 4 5 }$
$3 \longdiv { 4 6 3 }$
$8 \longdiv { 9 6 6 }$
$7 \longdiv { 7 2 0 }$
$9 \longdiv { 9 1 4 }$
$6 \longdiv { 8 4 4 }$
$5 \longdiv { 7 4 3 }$
$6 \longdiv { 6 4 9 }$
$3 \longdiv { 9 6 2 }$
$7 \longdiv { 8 1 1 }$
$9 \longdiv { 9 0 6 }$
$5+1 \times(5+10)$

Yummy Donuts gave three dozen chocolate donuts and six dozen jelly donuts to the school. How many donuts did they give?

63, 72, 81, $\qquad$ . 99,108,

## Can you guess the word?

No duplicate letters can be used.
C
R
A
W
L

The letter $C$ is in the word and is in the correct spot.

| G | R | A | V | Y |
| :--- | :--- | :--- | :--- | :--- |

The letter $R$ is in the word, but $R$ is not in that spot.

$$
A B C D E F G H I J K L
$$

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.


CDFHJKMOPQRUVWXY Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

GSBLIIIIIIIBIAGG B I A E E B T T B N I I D S S HBBEGABECGEKHEGE GIECBISEBEIGHBSY ENTNITNTIVMNKRNG TEEANNNNBNCMCAEI AIAIBBBELHGNENAH CBBITANNEIWENQTE

Hint: There are no duplicate letters in the answer.


CD F H J K L M OPQR UVWX Y Z


Let's check if you guessed correctly. Look across or down to find the correct answer.

AIFIBEGANESMSBPSVRR QABARTGRATRTRAVLNTB GGRNTTTPKAKINBNIMWS IAARBFNAGISGEXTENNT TMISNERNNAARNATANCA STRAINPPITTRTAAARAI UTLBIAAYSTALATRRTAN AAANGTRQRAZAANNARNS

Hint: There are no duplicate letters in the answer.


Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

XNBONNTANSNAGAGNPUZ IOSAGERNOICGONHSRAA YEEBSRUBBSLOVCBCAGA CREBEIGEOIBWOARYIER BNGKTGNNEGSWONCOXJG NNAABBABXSSEBXOBWIS NWWNWBNNRLBSOEBSNNK TGBLPAGAOSQBENGAEEG

Name: $\qquad$

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
Example:
Example:
$0.9+7.1+9.1+14.9=32$
$4.5+7.1+0.9+28.9=41.4$


Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square. Exactly one of the four numbers has to be one of these numbers: 14.9, 28.9, or 16.1.
The other three numbers have to all be DIFFERENT and must be from these: 8.2, 4.5, 9.1, 7.1, 2.9, 0.9, or 1.4 .


Name: $\qquad$
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.
Exactly one of the four numbers has to be one of these numbers: 16.3, 29.7, or 28.4. The other three numbers have to all be DIFFERENT and must be from these: 8.9, 4.9, 9.6, 0.5, 1.6, or 3.4.

greater than 1.6 either $\$ .9$ or 1.6 greater than 0.5

Name: $\qquad$
Fill in the missing numbers.
Only rule - The same number CAN NOT be next to each other, in ANY direction.
Dark lines surround a block. Numbers to use in a block:
A block with 1 space has to be the number 1 .
A block with 2 spaces must have the numbers 1 and 2 .
A block with 3 spaces must have the numbers 1,2 , and 3 .
A block with 4 spaces must have the numbers 1, 2, 3, and 4 .


An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
1342
$$



Hint - These numbers are missing:

## $\begin{array}{llllllll}1 & 4 & 3 & 4 & 1 & 3 & 1 & 3\end{array}$



An entire block with 4 spaces is blank. Since the block is 4 spaces it uses the numbers 1-4.

$$
\begin{array}{llll}
4 & 1 & 2 & 3
\end{array}
$$



Hint - These numbers are missing:

$$
\begin{array}{lllllll}
3 & 4 & 2 & 2 & 1 & 3 & 1
\end{array}
$$

Name: $\qquad$
Fill in the missing numbers.


Hint - These numbers are missing:

$$
\begin{array}{llll}
2 & 1 & 3 & 2 \\
3 & 3 & 3 & 2
\end{array}
$$



Hint - These numbers are missing:

$$
\begin{array}{lllll}
4 & 4 & 3 & 2 & 2 \\
4 & 1 & 4 & 3 &
\end{array}
$$

Circle the correctly spelled words. advice, advis feest, feast lettuce, lettuse

In each group, circle the word that is spelled correctly.
border, bordur
empty, emty
soup, soop

Name:
Complete each pattern. Write what the rule is.

| 6.6 | 13.2 | 19.8 |
| :---: | :---: | :---: |
| 26.4 | 33 |  |
| 46.2 | 52.8 |  |

Complete each pattern. Write what the rule is. Hint: Look at movement of digits!

| $\ldots$ |
| :---: |
| $369121,213691,912136,369121,213691,912136$, |

$413357,574133,335741,413357,574133,335741,413357$,
$574133, \ldots, 574133, \ldots, 574133$

Name:

Wow, Maria just spent $\$ 32$ at the store. She bought 5 friendship bracelets and 6 scrunchies. Her sister wants a scrunchy. Maria will let her sister have one only if she can figure out how much each scrunchy costs. Each friendship bracelet was exactly double the price of one scrunchy.
Can you tell Maria's sister how much one scrunchy costs so she can get one?

Jenna is starting a pen shop in her classroom. She needs 144 pens, so she goes to her favorite store, Crazy Deals. Crazy Deals sells fancy pens, but it is also a shop that brings madness to shopping. Today they are offering to give away 3 pens for every 6 pens you purchase.

What is the least number of pens Jenna needs to pay for so that she ends up with at least 144 pens?
$56 \times 10=$ $\qquad$
$725 \times 10=$ $\qquad$

658 x $\qquad$ $=658,000$

538 x $\qquad$ = 53,800,000,000
$76 \times 30=(76 x$ $\qquad$ ) $\times 10$
$=$ $\qquad$ x 10
$=$ $\qquad$
$866 \times 40=(866 x$ $\qquad$ ) $\times 10$
$=$ $\qquad$ x 10
$=$ $\qquad$

Name:


What is the greatest common factor of 6,27 , and 21 ?

What is the least common multiple of 3 and 4?

What is the least common multiple of 15 and 20?

Name:

|  |  |  |  |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
|  |  |  |  |  |  |  |  |  |  |
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|  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |

Color in $68 \%$ of the large square.
Color in $13 \%$ of the large square.

$$
\begin{aligned}
& \frac{3}{20}=\frac{15}{100}=-\% \\
& \frac{29}{50}=\frac{}{100}=-\%
\end{aligned}
$$

$$
\frac{18}{25}=\frac{}{100}=-\%
$$

$$
\frac{21}{25}=\frac{}{100}=-\quad \%
$$

$$
\frac{9}{10}=\frac{}{100}=\square \%
$$

$\qquad$

Mental Math
Start with the number 574.

* Add half of 54.

8660137697 (Circle your answer to double check you are correct.) $\qquad$
Add the digits in your number. The sum of that is your new number.

3760755791

* Add the number of inches in 2 feet.

3393318347
Add the digits in your number. The sum of that is your new number.

2961934939
Multiply by 2.
8859718411

Mental Math

- Start with the number of sides on a decagon.

1979610657 (Circle your answer to double check you are correct.)

- Add the digits in your number. The sum of that is your new number.
- Multiply by 10.

1622597104

- Add the digits in your number. The sum of that is your new number.


1168903618

- Triple that number.

6013944426

- Multiply by 10.

Name:

Name:
Anne is playing FastPoints on her phone. She started with 240 points. She hit the
double-your-points zapper. Then she hit the +74 star right before her game ended. How many points did she end up with?

Anna is playing FastPoints on her phone. She hit the triple-your-points zapper. Then she hit the +79 star right before her game ended. She ended with 1036 points. How many points did she start with?

Starting with the number 39, write three consecutive multiples of 39 . Is the sum divisible by 3 ?


Color in approximately half of the area for each shape.

Sarah and Sara want to play Move Fast, their favorite board game. All you do is spin twice, take the sum of your two spins, and move. But if you get the same sum two times in a row, you go to the spot on the board labeled Thunderstorm. The spinner has the numbers 1, 2, 5, and 7 on it. How many different sums are possible?

Sarah got a sum of 14 on her first move. What is the chance that she will go to Thunderstorm on her second move?

Name:
Use a protractor to make a copy of each triangle.


Name: $\qquad$
Can you draw lines to cover every number or shape in the picture?
You can only move left, right, up, or down. And definitely no starting or stopping in a blank spot! The first one is already done for you. Good luck.

Draw exactly 8 lines.
Start on 1.
Do not pick up your pencil.


Draw exactly 6 lines.
Start on the square.
Do not pick up your pencil.


Draw exactly 9 lines.
Start on the square.
Do not pick up your pencil.


Name: $\qquad$

## Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!

|  | $\begin{aligned} & \text { A } \\ & 3 \\ & \hline \end{aligned}$ | $\begin{array}{r} \mathrm{B} \\ 3 \\ \hline \end{array}$ | $\begin{aligned} & \mathrm{C} \\ & 7 \\ & \hline \end{aligned}$ | $\begin{aligned} & \mathrm{D} \\ & 7 \\ & \hline \end{aligned}$ | $\begin{gathered} \mathrm{E} \\ 10 \end{gathered}$ | $\begin{aligned} & \mathrm{F} \\ & 9 \\ & \hline \end{aligned}$ | $\begin{gathered} \mathrm{G} \\ 5 \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{H} \\ 5 \\ \hline \end{gathered}$ | $\begin{aligned} & \mathrm{I} \\ & 4 \\ & \hline \end{aligned}$ | $\begin{aligned} & \mathrm{J} \\ & 3 \end{aligned}$ | $\begin{aligned} & \mathrm{K} \\ & 3 \end{aligned}$ | $\begin{aligned} & \mathrm{L} \\ & 2 \\ & \hline \end{aligned}$ | $\begin{gathered} \mathrm{M} \\ 1 \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{N} \\ 1 \\ \hline \end{gathered}$ | $\begin{gathered} \mathrm{O} \\ 1 \\ \hline \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| P 2 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |
| Q 2 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |
| R 7 |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  | $\backslash$ |  |  |
| S 11 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |
| T 15 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| U 12 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |
| V 6 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |
| W 4 |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ | $\backslash$ | $\backslash$ |  |
| X 4 | \} | , |  |  |  |  | \} | $\backslash$ | $\backslash$ | $\backslash$ | $\backslash$ | $\backslash$ | $\backslash$ | $\backslash$ | , |
| Y 1 |  |  |  |  |  |  |  |  |  |  |  |  | $\backslash$ |  |  |

CLUE A: Color in 3 consecutive boxes.
CLUE B: Color in 3 consecutive boxes.
CLUE C: Color in 7 consecutive boxes.
CLUE D: Color in 7 consecutive boxes.
CLUE E: Color in all the boxes in this column.
CLUE F: Color in 9 consecutive boxes.
CLUE G: Color in 5 consecutive boxes.
CLUE H: Color in 5 consecutive boxes.
CLUE I: Color in 4 consecutive boxes.
CLUE J: Color in 3 consecutive boxes.
CLUE K: Color in 3 consecutive boxes.
CLUE L: Color in 2 consecutive boxes.
CLUE M: Color in 1 box.
CLUE N: Color in 1 box.
CLUE O: Color in 1 box.

CLUE P: Color in 2 consecutive boxes.
CLUE Q: Color in 2 consecutive boxes.
CLUE R:
CLUE S:
CLUE T:
CLUE U:
CLUE V:
CLUE W:
CLUE X:
CLUE Y:

Color in 7 consecutive boxes.
Color in 11 consecutive boxes.
Color in 15 consecutive boxes.
Color in 12 consecutive boxes. Color in 6 consecutive boxes.
: Color in 4 consecutive boxes. Color in 4 consecutive boxes. Color in 1 box.

Name:
Words can be to the RIGHT, DOWN, LEFT, or UP. Every letter is used ONCE.

| $S$ | $D$ | $C$ | $C$ | $L$ | $S$ | $U$ | $P$ | $P$ | $L$ | $E$ | $M$ | $E$ | $N$ | $T$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $T$ | $O$ | $R$ | $O$ | $L$ | $S$ | $E$ | $G$ | $N$ | $A$ | $R$ | $O$ | $N$ | $I$ | $K$ |
| $N$ | $Y$ | $E$ | $T$ | $E$ | $S$ | $A$ | $Y$ | $F$ | $O$ | $R$ | $E$ | $V$ | $E$ | $R$ |
| $A$ | $L$ | $A$ | $T$ | $T$ | $N$ | $O$ | $F$ | $O$ | $G$ | $P$ | $H$ | $A$ | $S$ | $E$ |
| $T$ | $E$ | $T$ | $O$ | $D$ | $E$ | $T$ | $E$ | $R$ | $I$ | $O$ | $R$ | $A$ | $T$ | $E$ |
| $S$ | $D$ | $I$ | $N$ | $W$ | $E$ | $S$ | $E$ | $V$ | $L$ | $E$ | $S$ | $R$ | $U$ | $O$ |
| $N$ | $U$ | $V$ | $D$ | $E$ | $S$ | $T$ | $I$ | $N$ | $A$ | $T$ | $I$ | $O$ | $N$ | $S$ |
| $I$ | $R$ | $E$ | $O$ | $R$ | $Y$ | $R$ | $A$ | $N$ | $O$ | $I$ | $T$ | $C$ | $I$ | $D$ |

DICTIONARY
DESTINATIONS
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$
$\qquad$

Can 756 be evenly divided by 12? Circle: 756 is evenly divisible by 12 756 is NOT evenly divisible by 12
 sentence.

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