Name: _____

This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.

Example:

0.07 + 0.9 + 0.2 + 9 = 10.17

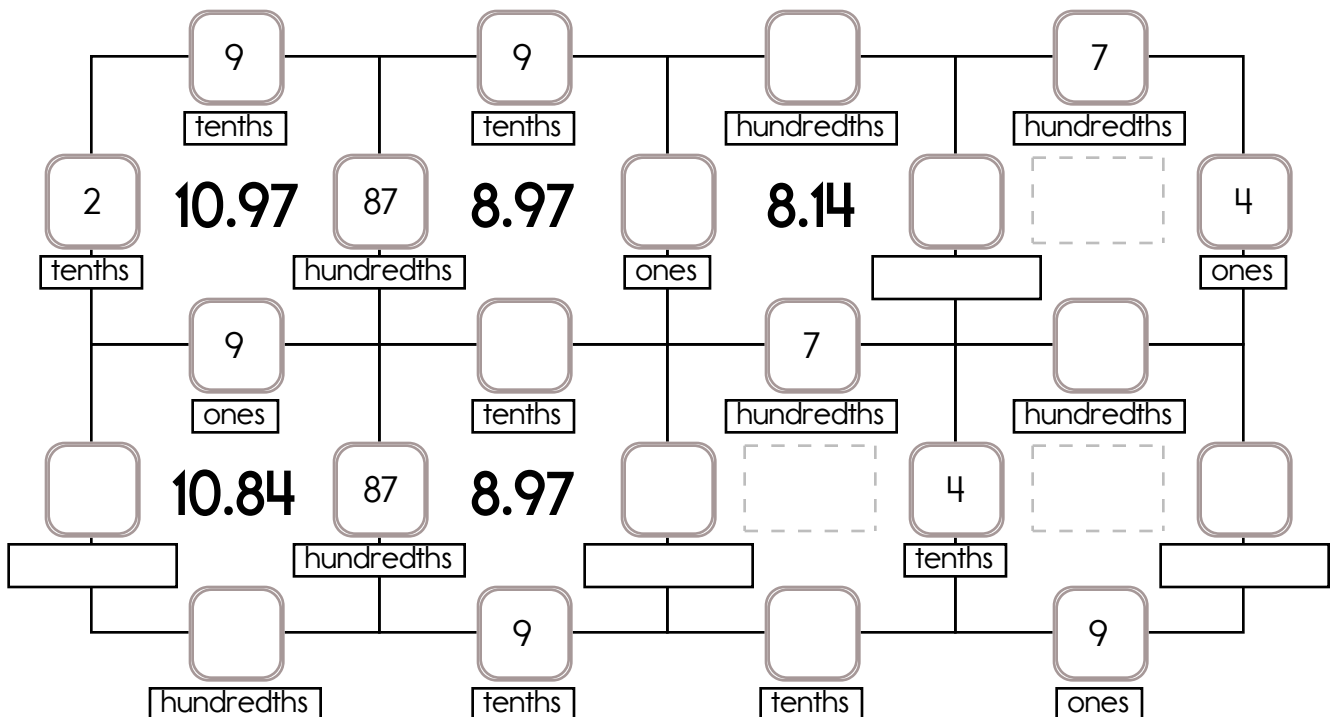Example:

0.07 + 0.87 + 9 + 0.4 = 10.34

Sample:

	2 tenths		3 ones		9 ones	
7 hundredths	**10.17** is the sum	9 tenths	**4.37** is the sum	7 hundredths	**10.34** is the sum	87 hundredths
	9 ones		4 tenths		4 tenths	

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: 5 ones, 9 ones, 3 ones, 7 ones, or 4 ones.
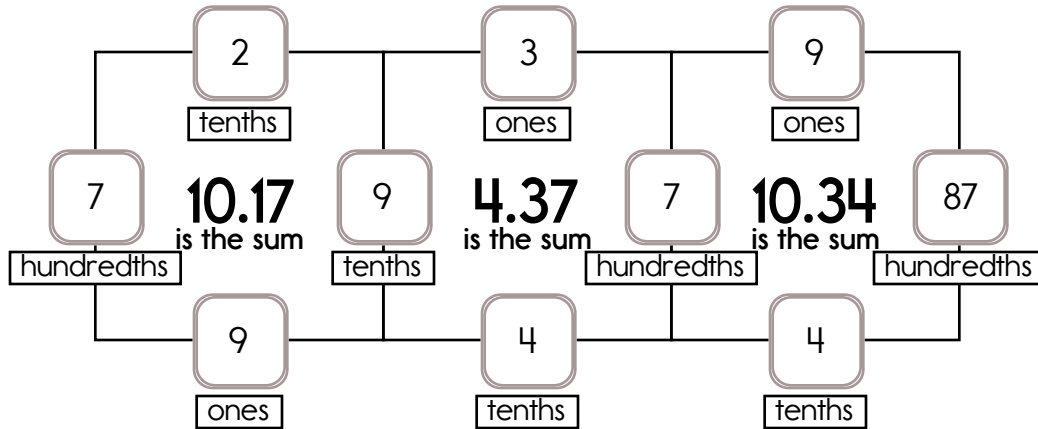
The other three numbers have to all be DIFFERENT and must be from these: 87 hundredths, 9 tenths, 2 tenths, 7 hundredths, or 4 tenths.

	9 tenths		9 tenths		☐ hundredths		7 hundredths	
2 tenths	**10.97**	87 hundredths	**8.97**	☐ ones	**8.14**	☐	☐ (dashed)	4 ones
	9 ones		☐ tenths		7 hundredths		☐ hundredths	
☐	**10.84**	87 hundredths	**8.97**	☐	☐ (dashed)	4 tenths	☐ (dashed)	☐
	☐ hundredths		9 tenths		☐ tenths		9 ones	

Name: _____

Make a path by adding up the numbers. Do not visit a circle more than once. The first one is done.

Box 1:

START 9 — 1 — 2 — 3
1 — 4 — 3 — 5
8 — 5 — 6 — 5
4 — 6 — 5 — FINISH SUM: 26

$9 + \underline{1} + \underline{2} + \underline{3} + \underline{6} + \underline{5} =$
26

Box 2:

START 17 — 18 — 15 — 13
10 — 4 — 14 — 12
5 — 18 — 16 — FINISH SUM: 66

$17 + \underline{10} + \underline{} + \underline{} + \underline{} =$
66

Box 3:

START 7 — 9 — 8 — 9
9 — 9 — 7 — 9
6 — 8 — 6 — 9
8 — 8 — 9 — FINISH SUM: 62

Did you find a path? Write the equation.

Box 4:

START 2 — 5 — 1 — 7
9 — 1 — 4 — 2
6 — 1 — 8 — 9
5 — 3 — 3 — FINISH SUM: 45

$2 + \underline{} + \underline{} + \underline{} + \underline{} + \underline{} +$
$\underline{} + \underline{} = 45$

Name: _____

When Jacob got married he was 24 years old. His sister was two-thirds his age plus 2 years. Their father was twice Jacob's age plus 4 years. Jacob's father was how many years older than his sister when he got married?

In the 1930's F. Scott Fitzgerald spent time as a screenwriter. In 1937 he earned $1,203 per week. How much did he earn in a year?

Amanda has 40 cents. What fraction of a dollar is that? Be sure to simplify the fraction.

Which two of the fractions have a difference of $\frac{1}{4}$?

$$\frac{4}{6} \qquad \frac{3}{11} \qquad \frac{1}{4} \qquad \frac{10}{11} \qquad \frac{1}{2}$$

word root **dorm** can mean **sleep**   **dormant, dormitory**

Name: _____

105 + 26 =	8,836,017 - 20,157	Find the difference between 486 and 110.
262 91 + 84	83 x 9	Divide and write remainder. 35 ÷ 8 =
504 - 128	5,877 - 171	49,005 - 823
101 x 6 =	60) 6915 Divide and write remainder.	701,358 966,085 202,044 + 408,655

Name: _____

Alex didn't have much to do. It was Quiet Day and he hated being quiet. He decided to draw. First he drew a rectangle with a perimeter of 22 inches. Then he drew 2 circles inside it. The circles had a diameter of 4 inches. The rectangle was 5 inches long. How wide was it?

Jenna made some peanut butter brownies. It took her 19 minutes to get everything mixed and ready to go in the oven. The brownies had to bake for 25 minutes. She started making the brownies at 3:43 p.m. What time did the brownies come out of the oven?

The students were building a model of a dragon for the school play. The model was $11\frac{1}{4}$ feet high. It was twice as long as it was high. How long was the dragon?

1 kg = 1,000 g

28 kg = _____ g

23 lb = _____ oz

Which has the largest answer?
395 x 440   409 x 440   402 x 440

Circle the digit in the tenths place.

412.7158

Circle the correctly spelled words.
The price of precious (metels/metals) tends to increase over time.

Emma invented a robot. The robot's name is Jason. Jason can go a maximum speed of 5 mph. At that rate, how long would it take Jason to go 19 miles?

Name: _____

Can 665 be evenly divided by 4? Circle:

665 is evenly divisible by 4

665 is NOT evenly divisible by 4

```
  6 5
- 2 4
```

```
  6 1 2
- 1 8 2
```

In the number 2,911,980, the digit 0 is in what place?

_____

```
  2 8 3
+ 2 4 6
```

Five kids and three adults are going to the circus. Kid's tickets are on sale for only half the price of adult tickets. The total cost is $55. How much is one kids ticket? How much is one adult ticket?

(4 + 8) + 7 =

What is the homophone of this word?
nay

_____

```
  3 7
+ 4 8
```

Alex invented a robotic bug. The bug can crawl three centimeters in twenty-one seconds. How long would it take the bug to crawl twenty-nine centimeters?

What time is 13 hours after 5:00 a.m.?

_____

How many grams are in 6 kilograms?

_____ grams

Choose the word that best completes the sentence.
(Their/They're) coming over for lunch tomorrow.

Name: _____

Circle the greatest number:

93,051,789

527,948,601,264

643,209,571

25,768,410,933

Sarah is getting messy. She has made a 1' x 1' x 4' cube made out of clay blocks. She wants her art project to have at least a surface area of 12 square feet. Does she need to add more clay?

Write 572,231 in words.

_____

Draw a shape that has between four and five lines. The shape should have at least one line of symmetry. Show the line of symmetry using a dotted line.

Circle the addition property for 20 + 93 = 93 + 20.

associative property

commutative property

$77 \div 11 =$

For the summer program 161 children came to the park. They were divided into 7 groups. How many children were in each group?

$6 \times 11 =$

Add the correct end punctuation for this sentence.

Don't step on that piece of glass

Write an equation to represent this:

The sum of seven and four is eleven.

_____

Write this as a number in standard form. Use a comma in your number.

one hundred sixty-nine thousand, nine hundred eighty-two

_____

word root **intro** can mean **into**   introvert, introduce

Name: _____

```
1 • 3 • 4 • ÷ • 2 • = • 2 • 2 • x • x • 0 • 0 • 4 • 6 • ÷ • 0
9 • 6 • 7 • 1
```

Use the pieces above to help you fill in the runaway math puzzle.
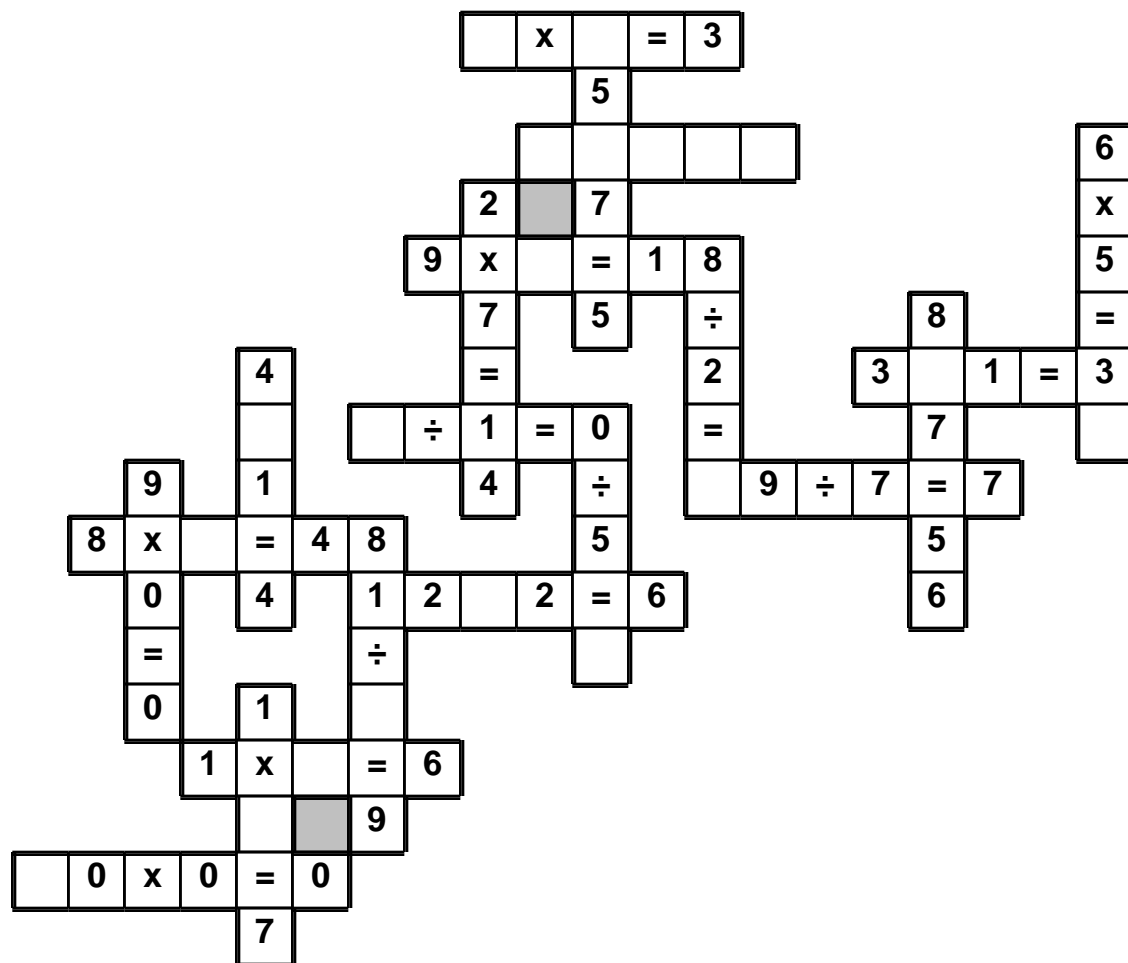
How many digits are in the number of days in the current month?

_____

Circle the smallest number:

629,457,031   1,279,806,543

750,169,834,270   6,483

Circle the relative adverb.

My parents will tell me when I can have a cell phone.

12 x 3 =

Name: _____

Four piggy banks contain a combination of pennies and quarters. Each piggy bank has ten, five, two, or fifteen pennies. Each piggy bank also has three, fourteen, fifteen, or two quarters. Emma, Alexander, Zachary, and Rebecca are the owners of the piggy banks.

Figure out how many pennies and quarters each person has.

1. The person with ten cents worth of pennies is not the one with seventy-five cents worth of quarters.

2. Alexander has more than two cents worth of pennies.

3. If the number of quarters Zachary had were doubled, then the value of the quarters would be $7.50.

4. The value of Emma's quarters is seventy cents more than the value of Emma's pennies.

5. Rebecca has a total of $3.77.

6. The person with fifteen cents worth of pennies is not the one with fifty cents worth of quarters.

Emma has _____ pennies and _____ quarters.

Alexander has _____ pennies and _____ quarters.

Zachary has _____ pennies and _____ quarters.

Rebecca has _____ pennies and _____ quarters.

Can 351 be evenly divided by 9? Circle:

351 is evenly divisible by 9

351 is NOT evenly divisible by 9

Compare the fractions. Write >, <, or =.

$\frac{2}{3}$ ◯ $\frac{2}{8}$ $\frac{6}{10}$ ◯ $\frac{60}{100}$

$\frac{9}{14}$ ◯ $\frac{9}{15}$ $\frac{1}{5}$ ◯ $\frac{3}{5}$

Circle the correctly spelled words.

selebration, capeble, available

Name: _____

$3\overline{)196581}$　　　　$7\overline{)40824}$　　　　$9\overline{)2034}$

What 3 coins add up to 7 cents?

Know how many inches in a foot? Okay, smarty pants, how many inches in 5 feet?

It was 9 degrees above zero in the morning. By afternoon the temperature rose 22 degrees. How warm was it?

Circle the three numbers whose product equals 441.

5　　5　　11

9　　7　　7

(6,047,981,701,347) ,

(355,763,629,491) , _____,

(1,231,016,019) ,　(72,412,707) ,

(4,259,571) ,　(250,563) ,

(14,739) ,　(867) ,　(51)

Round 75,323 to the nearest hundred.

What is 50% of 700?

$8 \div \frac{1}{5}$

It was 75 degrees outside. What would the temperature be if it got 27 degrees colder?

Name: _____

X	10	10				
	40 __ x 10	40 __ x 10	__ x __	__ x __	__ x __	__ x __
	__ x 10	__ x 10	16 __ x __	__ x __	__ x __	__ x __
	__ x 10	__ x 10	14 __ x __	__ x __	84 __ x __	__ x __
9	9 x 10	90 9 x 10	9 x __	72 9 x __	9 x __	9 x __
	100 __ x 10	__ x 10	__ x __	__ x __	__ x __	__ x __
10	10 x 10	100 10 x 10	20 10 x __	10 x __	120 10 x __	110 10 x __
7	70 7 x 10	7 x 10	7 x __	7 x __	7 x __	7 x __
	__ x 10	__ x 10	4 __ x __	__ x __	__ x __	__ x __

6 x 7 =

What is the homophone of this word?
sea

_____

Name: _____

Can you guess the word?

No duplicate letters can be used.

O	Y	S	T	E	R

The letter O is in the word and is in the correct spot.

F	R	I	E	N	D

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.

C	O	D	I	F	Y
R	E	A	S	O	N

B G H J K L M P Q T U V W X Z

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

```
S V N O O E I O E M I R S A I I C E C
P S C O O M O T E S R P S Q D O C E O
A O Y O F F D Y N O O E E T R J R S D
R E A S O N C H Q O S R D P C P P E I
W S E S P R N X S U I S G S S R N S F
B S O N R S I S R S O O N A N Y D V Y
O C E F S E Y O E G F N O C D S N V D
C T T P O P C R C C G C M C R I E E X
```

Hint: There are no duplicate letters in the answer.

A	C	T	I	V	E
M	A	L	I	C	E

B D F G H J K N O P Q R S U W X Y Z

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

```
E T E C J A C F L B A I F I I
E E I N C A C M A I C L C A C
D A C A L E E S A C A F Q F C
C T C M I A E I A L I T M C L
A E I T C B L I F L I L F I P
C R A N I A E E C I C C E I A
J V E A I V B E A L C T E E T
A C C I L E E E T M V I H O E
```

Hint: There are no duplicate letters in the answer.

W	A	N	G	L	E
S	O	L	A	C	E

B D F H I J K M P Q R T U V X Y Z

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

```
A C G L C G E L G R O C L O F U N O O
A A O L I L Z C L E Z C O L N A A W C
S L L E O S O C A N L A W Q L O O L L
E E L C N W O C W S S L L A O O L O O
C S A G E C O L A O T A I O N L A E W
E O E L A A O N A T T U Z A C G E O W
E I S B O C A A L C E W T C A L L C L
Q R A Y Z L O E V T E T E B C N A E P
```

Name: _____

Fill in each box of the edHelperKu puzzle, using the numbers from 1 to 4.

Every row must contain the numbers 1, 2, 3, and 4.

Every column must contain the numbers 1, 2, 3, and 4.

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.

1- 1234	3	3- 1234	1234
1234	1- 1234	1- 1234	1- 1234
1- **4**	**1**	**2**	**3**
1234	3- 1234	1234	2

Fill in the blanks. These equations are from the puzzle above.

_____ - 1 = 1   _____ - 1 = 1

4 - _____ = 3   _____ - 2 = 1

4 - _____ = 1   _____ - 3 = 1

_____ - 1 = 3