Name: _____

Gavin is 5 years older than Mary. Rose is 1 year younger than Gavin. Jason is 1 year younger than Rose. Gavin is 16 years old.

How old is everyone else?

Erin was so into a book. She finally finished! She then spent 2 times as long playing a game on her phone as she did reading. Erin spent a total of 102 minutes in her room reading and playing the game. For how long did Erin read?

Use the following rule to complete the conversion: 1 yard = 3 feet.

4 yards + 4 yards = _____ _____

1 _____ + 1 _____ = 6 _____

_____ yards + _____ yards = 30 feet

Name: _____

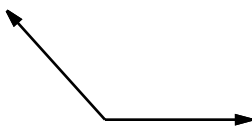|		
$3 + \frac{4}{5} + \frac{1}{7} =$	Reduce $\frac{75}{80}$ to its lowest terms.	$10 - \frac{1}{3} + \frac{1}{9} =$
What is the least common multiple of 2 and 8?	What is the least common multiple of 15 and 9?	What is the greatest common factor of 4 and 10?
Write the reciprocal. $\frac{13}{4}$	Write the reciprocal. $\frac{8}{13}$	Write the reciprocal. $\frac{8}{7}$
$9\overline{)30.6}$	Change $\frac{11}{20}$ to a decimal.	Change $\frac{1}{5}$ to a decimal.

What kind of angle is this?

What kind of angle is this?

Name: _____

-6 - 8 =	28 + -40 =	3 x -11 =

$$\begin{array}{r} 6\ 1 \\ +\ 5\ 6 \\ \hline \end{array}$$

Find the sum of 525 and 81.

Find the sum of 16, 11, and 42.

$\dfrac{N}{8} = 8$

$\dfrac{N}{7} = 2$

6y = 30

9 - 13 =

What is the number that is 7 less than 4?

11 + -2 = ____

11 - 2 = ____

Write as a decimal.

$13\ \dfrac{4}{100}$

Write as a decimal.

$7\ \dfrac{8}{10}$

Write as a decimal.

$20\ \dfrac{227}{1000}$

Name: _____

Edensaw picked 12 pounds of berries. He gave $\frac{3}{4}$ of the berries to his grandfather. Edensaw ate $\frac{1}{12}$ of the berries. He gave the rest to his mother. How many pounds of berries did he give to his mother?

Hannah read her book from 11:48 a.m. until 1:17 p.m. How long did she read the book?

Emily likes to read poems by Emily Dickinson. Last night she read from 7:42 p.m. until 9:19 p.m. How long did she read?

21 ÷ 3 =

Write a letter that has two or more lines of symmetry.

_____

1 cm = 10 mm

6 cm = _____ mm

For 798,838,549,824,216, write the digit that is in the ten thousands place.

_____

    3 6 2
 + 2 1 7

Circle the relative adverb.
then, when, you, she

    7 7
 - 6 2

How many millimeters are in 4 centimeters?

_____ millimeters

    3 1
 + 4 5

18 lb = _____ oz

    7 3 4
 - 2 2 1

Name: _____

Maria wrote that 41 divided by 4 has a remainder of 1. For her homework, she needs to find four other numbers that when divided by 4 will have a remainder of 1. Help her with her homework.

Write an equation to represent this:

The product of eleven and five is fifty-five.

_____

Write three words using the prefix "re-."

_____

_____

_____

Can 783 be evenly divided by 9? Circle:

783 is evenly divisible by 9

783 is NOT evenly divisible by 9

Write a letter that has a line of symmetry.

_____

How many digits are in 100 times 1,000?

_____

11 x 9 =

(9 + 3) + 3 =

Sarah was given four numbers: 11, 10, 14, and 13. She needs to use two of these numbers to make a fraction. Can she make a fraction that is less than five-sixths?

30 ÷ 10 =

word root **hemi** can mean **half**   **hemisphere**

Name: _____

Write the missing family fact.

67 + 17 = 84
84 - 17 = 67
17 + 67 = 84

_____

96 ÷ 8 =

Circle the addition property
for 26 + 128 = 128 + 26.

commutative property

associative property

Megan multiplied two one-digit
numbers and then added 164.
The result was 218. April does not
believe her and thinks Megan
made a mistake. Who is correct?

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

two hundred twenty-two thousand, four
hundred forty-two

_____

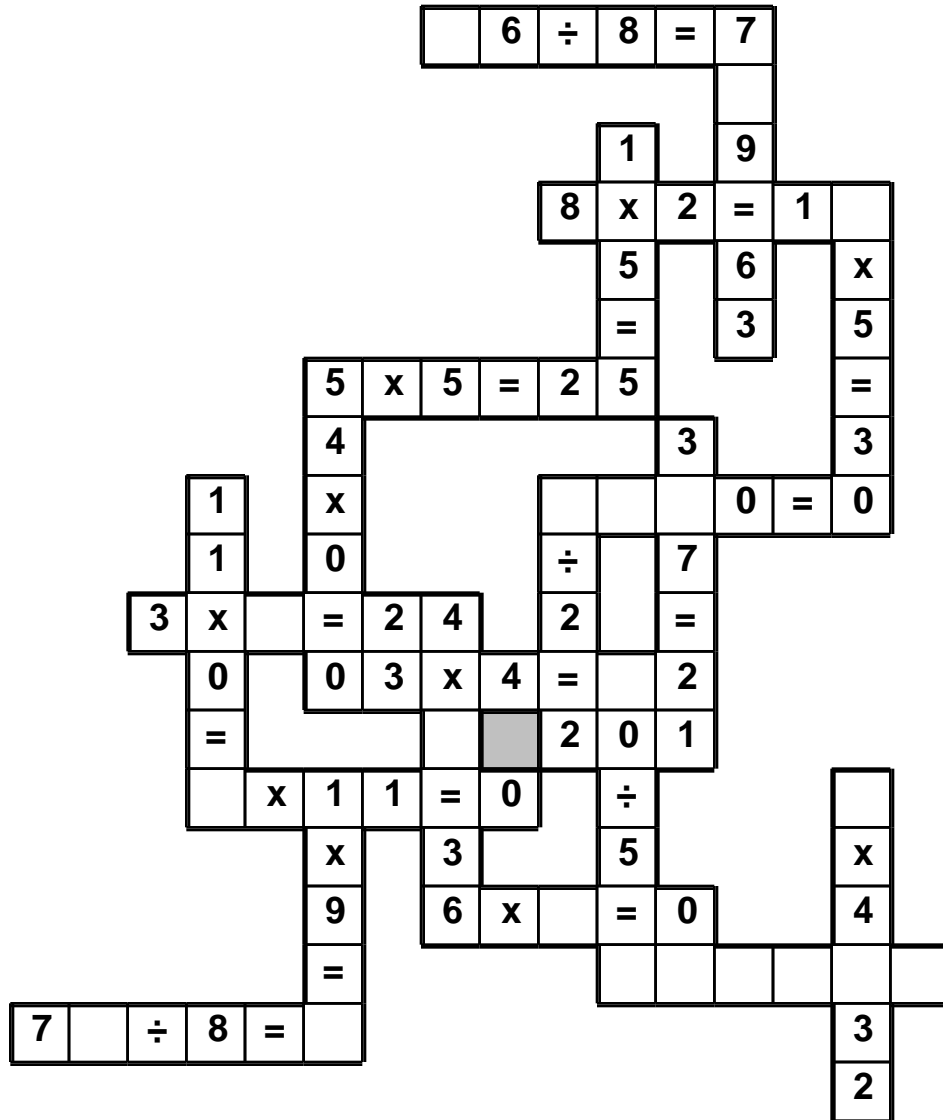Circle the smallest number:
750,294,168
56,230
7,983,240
7,148

Rosa is making up her own calendar. The first month of her
weird calendar is called Raffy. To make matters worse, she is
giving Raffy a total of nineteen days. What is the greatest
number of Saturdays that can occur during Raffy? Show the
month of Raffy.

Name: _____

```
5 • x • 6 • 4 • 9 • x • 8 • 1 • 9 • 0 • 8 • 0 • 2 • 1 • ÷ • 7
= • 3 • 2 • 9
```

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

		6	÷	8	=	7	

(runaway math puzzle grid)

	1		9	

8	x	2	=	1	
	5		6		x
	=		3		5

5	x	5	=	2	5		=
4				3		3
x			0	=	0

1	x		÷		7
1	0		2		=

3	x	=	2	4	2	=
0	0	3	x	4	=	2
=				2	0	1

x	1	1	=	0	÷

x		3		5		x
9		6	x	=	0		4
=

7		÷	8	=

3
2

Circle the greatest number:

261,057,394,819   5,328

1,528,470,691   64,078

In the number 674,242,798, the digit 8 is in what place?

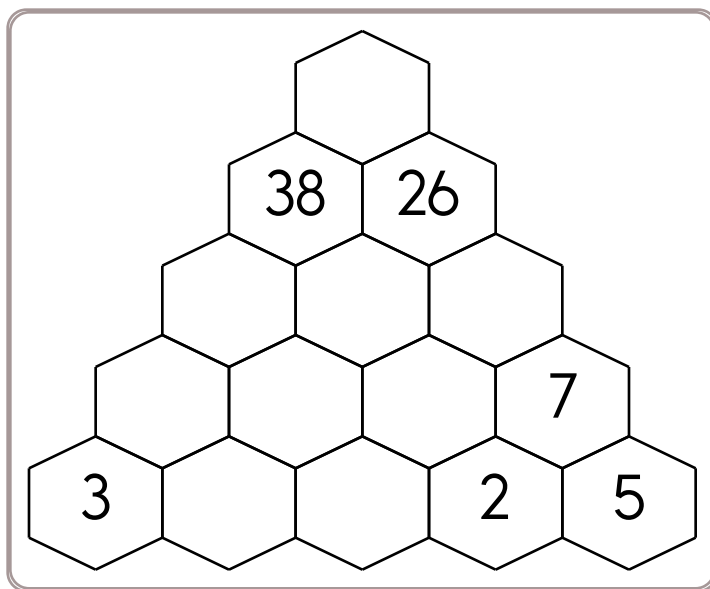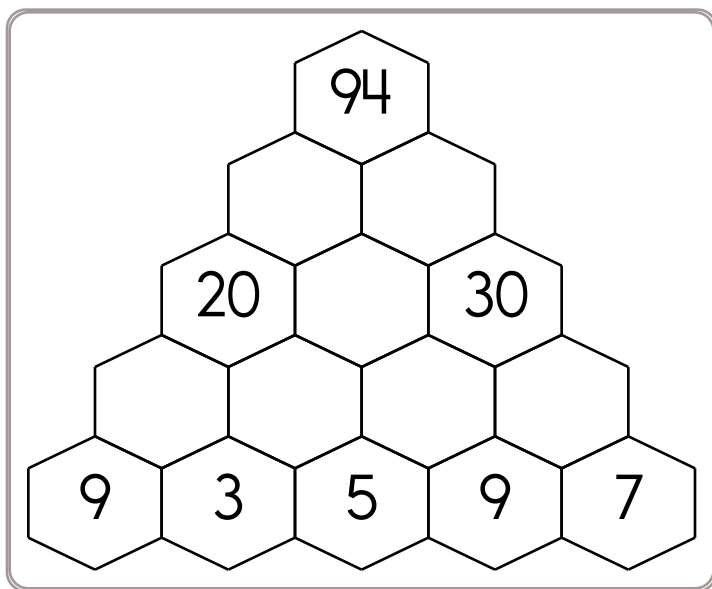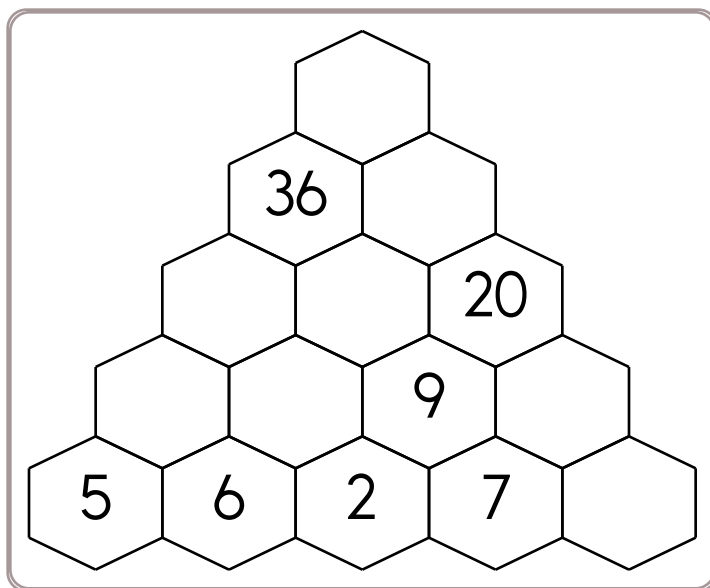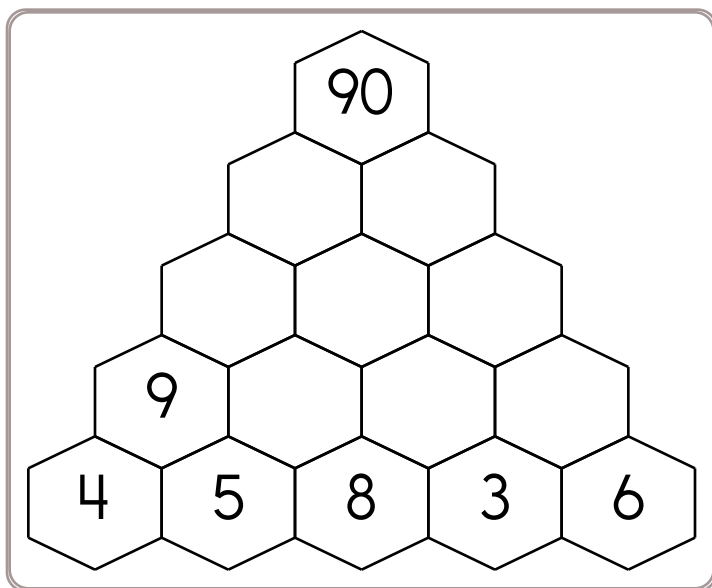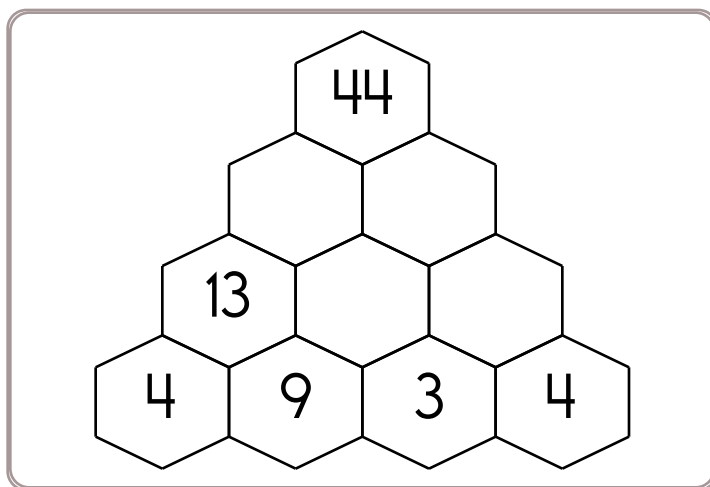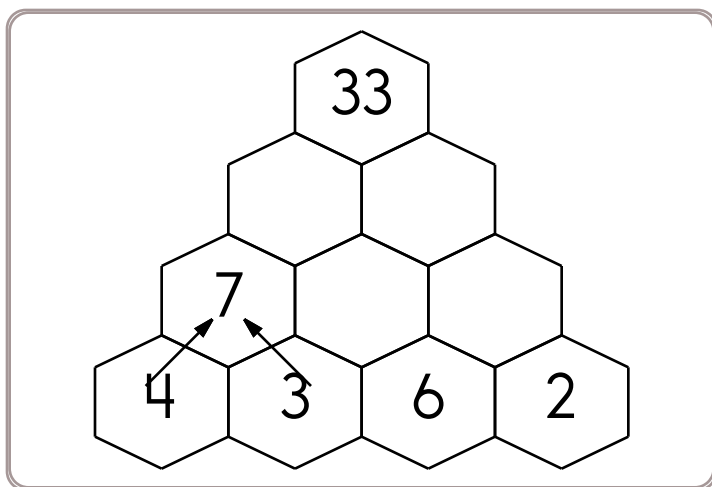_____

Cross out all of the prepositional phrases in the sentence.

Can you come to my house this weekend after the speech competition?

---

6 x 8 =

Name: _____

Fill in the blanks by adding the two numbers below each hexagon.

33

7
4 3 6 2

44

13
4 9 3 4

90

9
4 5 8 3 6

36

20
9
5 6 2 7

94

20   30
9 3 5 9 7

---

38 26
7
3   2 5

Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

Round 10,707 to the nearest thousand.	Yummy Donuts gave three dozen chocolate donuts and four dozen jelly donuts to the school. How many donuts did they give?	What 4 coins add up to 21 cents?

34, _____, 43, 49, 56, 64,

73, 83, 94, 106, 119, 133,

148

962811, 281196, 119628,

962811, 281196, _____,

962811, 281196, 119628,

962811, 281196, 119628,

962811, 281196

How much money is 1 quarter, 3 dimes, 1 nickel, and 1 penny?

(128) , (64) , _____,

(16) , (8) , (4) , (2) ,

(1) , $\frac{1}{2}$, $\frac{1}{4}$

9, 81, 86, _____, 779,

7011, 7016, __, __

Estimate quickly the difference.
4,580 - 1,100

Round 56,862 to the nearest hundred.	What is 50% of 932?	It was 6 degrees above zero in the morning. By afternoon the temperature rose 15 degrees. How warm was it?

Name: _____

Mental Math — #1 —

☞ Start with the product of 2 and 8.   <u>16</u>

☞ Add the number of dimes in a dollar.
  3 6 4 4 1 2 6 3 9 5 (Circle your answer to double check you are correct.) _____

☞ Add half of 60.
  9 8 5 6 8 6 5 5 2 7 _____

☞ Add three-fourths of a dozen.
  9 0 7 9 4 1 2 6 5 0 _____

☞ Add the number of nickels in a dollar.
  7 6 1 8 5 8 2 0 5 5 _____

☞ Add three-fourths of a dozen.
  1 9 4 4 6 9 9 7 3 2 _____

Mental Math — #2 —

☀ Start with the number 124.
  7 5 6 7 3 8 1 2 4 1 (Circle your answer to double check you are correct.) _____

☀ Add the number of pennies in a
  dollar. _____
  9 6 8 1 2 2 4 6 1 5

☀ Divide that number in half. _____
  8 1 1 2 9 5 1 9 3 7

☀ Add two-thirds of a dozen.
  4 8 6 7 1 2 0 2 9 5 _____

☀ Add the number of pennies in a dollar.
  5 4 2 2 0 8 9 7 7 3 _____

☀ Subtract 21.
  6 1 4 1 9 9 9 9 3 9 _____

Name: _____

Find the unknown numerator.

$$\frac{1}{6} = \frac{}{42}$$

$$\frac{}{7} = \frac{14}{49}$$

Find the unknown denominator.

$$\frac{2}{5} = \frac{10}{}$$

$$\frac{2}{} = \frac{8}{12}$$

Write 2 equivalent fractions for each fraction using multiplication.

$$\frac{1}{6}$$

$$\frac{8}{9}$$

Write 2 equivalent fractions for each fraction using division.

$$\frac{10}{30}$$

$$\frac{8}{36}$$

---

14 km = _____ m

4.8 km = _____ m

13,000 m = _____ km

7,370 m = _____ km

6,502 m = _____ km

Express each fraction in simplest form.

$$\frac{98}{126}$$

$$\frac{48}{64}$$

$$\frac{10}{20}$$

$$\frac{3}{15}$$

Name: _____

Write a question for each equation.

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

How many thirds are in three-sixths?

$\frac{1}{5} \div \frac{1}{6} =$

$\frac{2}{3} \div \frac{1}{4} =$

Divide and write the quotient in simplest form.

$4 \div \frac{4}{5} =$

$\frac{4}{8} \div \frac{2}{9} =$

$\frac{5}{9} \div \frac{5}{6} =$

Write as an improper fraction in simplest form.

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

$1\frac{4}{5} =$

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

Divide and write the quotient in simplest form.

$1\frac{2}{3} \div \frac{2}{3} =$

Divide and write the quotient in simplest form.

$2\frac{2}{3} \div \frac{6}{8} =$

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

$3\frac{4}{6} \div \frac{2}{5} =$

Name: _____

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

$\boxed{\frac{3}{4}}$ $\boxed{\frac{4}{5}}$ $\boxed{\frac{1}{8}}$

$\boxed{\frac{3}{8}}$

Fill in the missing numerator.

$\frac{2}{6}$ =

$\frac{\boxed{}}{\boxed{3}}$

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

$\frac{\boxed{}}{\boxed{2}}$

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

$\frac{\boxed{}}{\boxed{4}}$

$\frac{2}{8}$ + $\frac{4}{8}$ =

$\frac{\boxed{3}}{\boxed{}}$

Which fraction is the smallest?

$\boxed{\frac{2}{7}}$ $\boxed{\frac{3}{7}}$ $\boxed{\frac{6}{7}}$

$\boxed{\frac{4}{7}}$

Name: _____

```
  536        1,328         214         919         991
+ 981       -  894       + 907       + 267       - 555


1,296          623       1,197         681         409
-  858       -  135      -  227       - 337       + 188


  580          583       1,787       1,134         471
+ 879        + 729       -  987       -  825       + 823


  401          437         863         533         814
+ 220        + 961       - 546       + 125       - 571


  935          762         322       1,323         771
- 422        + 156       + 497       -  781       - 532


1,294          109         356         970       1,221
-  808       + 210       + 658       + 761       -  624


1,128        1,670         127         167         372
-  651       -  795       + 348       + 849       + 198
```

```
      1
+     4
  [    ]

+     6
  [    ]

+     3
  [    ]

+     9
  [    ]

+     9
    3 2

-  [    ]
    2 8

-     3
  [    ]

+     8
  [    ]

+     8
    4 1

-  [    ]
    3 4

-  [    ]
    3 1
```

Name: _____

Each row, column, and box must have the numbers
1 through 6. The first box is done.

6	1	5			
4	3	2			6
		6			
					3
5	2		3		
		3			2

Each row, column, and box must have 6 different pictures.

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 9.
Hint: Look for sudoku sums. The sum of the two boxes inside of the
dashed lines is 7.

Here is an example of a sudoku sum of 7:

3	4

		9	2					3
					5			2
				4	7			
3			4					5
8	7		5	1				6
2							8	
9	6	5						
					9	5		1
			3			6	4	

$\dfrac{8}{16} = \dfrac{?}{2}$

---

7 is what % of 10?

Write the ratio as a fraction.
7 to 5

Name: _____

Each row, column, and box must have the numbers 1 through 9.

6		8					1	
3								5
	7		6		2	4		
9	8	7		1				
	6			7	8			4
					5		2	
						5		
4		6		2				
8	9			5		6	3	

Know how many inches in a foot? Okay, smarty pants, how many inches in 3 feet?

How many centimeters in 540.7 meters?

A rectangle is 30 cm on one side and 7 cm on another side. What is the perimeter?

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

_____

Circle the correctly spelled word.

It is important to eat right and (exercise/exercize).

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

TUNE _____   EXCEPTIONAL _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

WONDERFUL _____   PLUM _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

JUBILANT

joyful
anniversary
funny
type of dessert
envious

BANAL

exotic
reverent
dismissive
commonplace
legible

BUCOLIC

aged
complementary
populated
rustic
urban

BENEVOLENCE

toleration
kindness
empathy
utility
loyalty

CREDIBLE

jolly
humorous
gracious
confused
believable

OMINOUS

foreboding
pleasant
thriving
dearth
passion

NEPOTISM

spending time with nephews
favoring family
loving friends
praising new things
winning games

VEHEMENT

emergency
delineated
placid
melted
passionate

PRISTINE

chilled
artful
snowy
pure
creative

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

Name: _____

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.

Puzzle 1

1	4				3	2
2	3	1		2	4	1
1	4	2	3	1	3	2
2	3	1	4	2	4	1

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

2   1   3   4

Puzzle 2

1	3	1	4	1		
2	4	2	3	2		
1	3	1	4	1	3	2

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

1   4   2   3

Puzzle 3

	1	2	1		1	3	1
3	4	3		3		2	4
	1	2		2			

Hint - These numbers are missing:

4   1   2   2   1   1   4   2   3

Puzzle 4

3	1		1		4	2	1
2	4	3	4	2			4
	1	2			4	2	1

Hint - These numbers are missing:

1   1   3   3   3   3   2

Name: _____

Fill in the missing numbers.

Hint - These numbers are missing:

1   2   4   3

4   3   1   2

Hint - These numbers are missing:

2   1   2   1   4

4   2   1   3   4

Hint - These numbers are missing:

2   2   1   3   2

4   3   3   4   4

Hint - These numbers are missing:

2   4   1   2   4

2   2   4   4   2

Circle the digit in the hundredths place.	Add the correct end punctuation for this sentence.
832.152	Please put the crayons away when you are finished coloring

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

MAMMOTHS _____   INSTEAD _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.
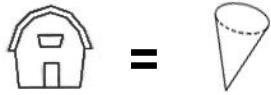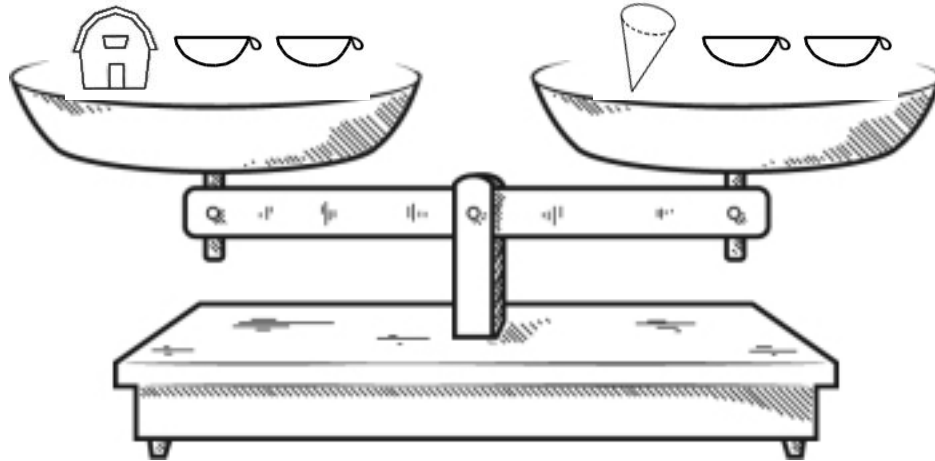
ELECTRIC _____   HUSH _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

REIMBURSE

refund
remember
refill
redo
respect

RECUR

annoy
plague
surprise
happen again
distress

GREGARIOUS

quixotic
solitary
pleasant
amenable
sociable

POSITIVE

rising
convoluted
emotional
optimistic
depressing

ELUCIDATE

confuse
complain
clarify
drive
arrange

CALLOUS

embarrassed
obedient
kind
cute
insensitive

SEVER

bleed
steam
break off
punch
lacerate

CONVENTIONAL

confusing
timely
contemporary
heterodox
orthodox

INGENUITY

inexperience
cleverness
usefulness
attractiveness
friendliness

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

```
R C D E R O U L H F G O P T I M I S T I C L R E I M B U R S E T L U
B R O R L T R C M I N G E N U I T Y I L A T I P O N V I C E R O E N
P U B I L U S G R E G A R I O U S U N V E S G R O L O N C O O E S M
N L R N U F C O A E S R I I N E D E Y R H C L E V E R N E S S I E E
I E S A R I P I C I L T R N A E P R F S U O L L A C T N L E S B V E
V N N H U E B A D I E F G E L A N O I T N E V N O C D X N T B D E O
A N S A S E C E B A A S P O F E N O R T I P O S I T I V E E A N R E
E I I F N T F U T A T B E Z L U N M A C A E R E V I T I S N E S N I
X O D O H T R O R G O E L N L V N E L F R G V G P F F O K A E R B E
O H A P P E N A G A I N A E N E L D C M I C S A U B O A B I C R I R
```

Name: _____

🏠 **=** 🔺

☐ True   ☐ False

🥣 🏠 🥣 **>** 🥣 🥣

☐ True   ☐ False

🥣 🔺 🥣 **=** 🥣 🥣

☐ True   ☐ False

🔺 🥣 🥣 **=** 🏠 🥣 🥣

☐ True   ☐ False

🏠 🥣 **=** 🔺 🥣

☐ True   ☐ False

🔺 🥣 🥣 🥣 **=** 🏠 🥣 🥣 🔺 🔺
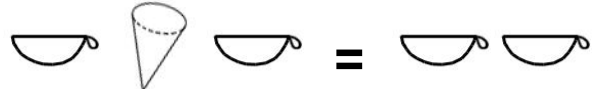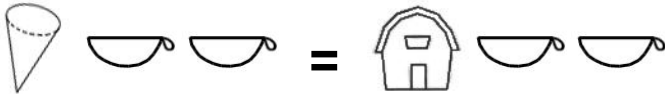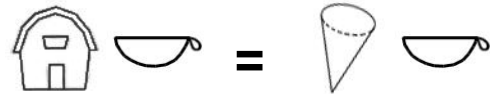
☐ True   ☐ False

🔺 🔺 🔺 🔺 **=** 🏠 🔺 🔺
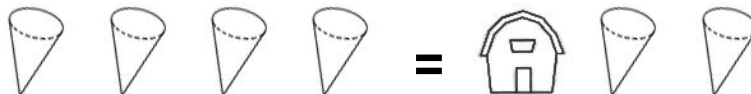
☐ True   ☐ False

Did you find that four are true? If not, look again!

Hint: If you see the same pieces on both sides, you might need to remove both pieces.

You should only mark TRUE if you are absolutely sure it is correct!

word root **cent** can mean **hundred**   centipede, century

Name: _____

Write the final part of each math analogy.

PCFPCFPC____ : F :: HBKHBKHB____ : [_____]

Explain why you think your answer is correct.

two thirds of twelve : 8 :: one half of twelve : [_____]

Explain why you think your answer is correct.

6, 9, 12 : 15, 18, 21 :: 24, 27, 30 : [_____]

Explain why you think your answer is correct.

965 : 995 :: 455 : [_____]

Explain why you think your answer is correct.

Name: _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

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

Write the words found.

DESTINATIONS _____   AFTERNOONS _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

Circle words to the RIGHT or DOWN. Every letter is used exactly ONCE.

```
S P E E D A U T H O R I T Y
P O L L A C T I V I T I E S L
  G   S U N L I B E R A T E A
P A I N T R O D U C T I O N M
A R Z A T R A D I T I O N S P
T D O T R E P E T I T I O N S
H E O B A G A S S I G N B U Y
S N S S T A M P U N U S U A L
```

Write the words found.

UNUSUAL _____   BUY _____   _____

_____   _____   _____

_____   _____   _____

_____   _____   _____

_____

Name: _____

Select the word or phrase whose meaning is closest to the given word.

NOXIOUS

beautiful
discourteous
contemporary
elaborate
harmful

VAPID

smooth
not stimulating
steamy
shiny
enormous

STYMIE

thwart
elaborate
splice
flowery
pavement

ENCUMBER

implode
depress
amaze
fret
burden

CHARISMA

toxicity
charm
religiosity
levity
strain

URBANE

evil
refined
cute
uneducated
metropolitan

AUSPICIOUS

belittling
favorable
unsettling
untrusting
gracious

IRE

anger
serious
raw mineral
tool for smoothing clothes
exhilaration

Now find the given words AND the answers in the word search. If you can't find an answer, you might be wrong.

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

Name: _____

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

	A 1	B 1	C 1	D 1	E 4	F 4	G 10	H 7	I 7	J 7	K 5	L 5	M 5	N 3	O 3
P 9															
Q 9															
R 11															
S 15		■													
T 9															
U 4															
V 4															
W 1															
X 1															
Y 1							■								

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

CLUE P: Color in 9 consecutive boxes.
CLUE Q: Color in 9 consecutive boxes.
CLUE R: Color in 11 consecutive boxes.
CLUE S: Color in 15 consecutive boxes.
CLUE T: Color in 9 consecutive boxes.
CLUE U: Color in 4 consecutive boxes.
CLUE V: Color in 4 consecutive boxes.
CLUE W: Color in 1 box.
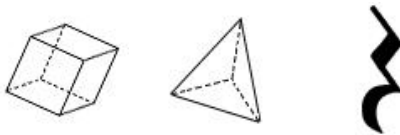CLUE X: Color in 1 box.
CLUE Y: Color in 1 box.

Don't forget to double check when you are done!

Name: _____

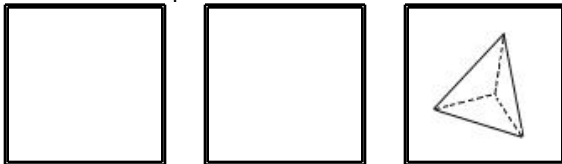Draw 3 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 1 of these 3 pictures.
The picture is NOT in the correct spot.

Draw 1 of these 3 pictures.
The picture IS in the correct spot.

Draw 2 of these 3 pictures.
1 of those pictures is in the correct spot.
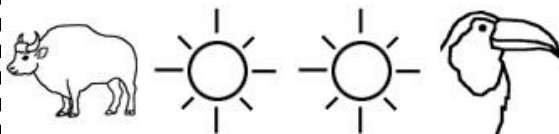
Draw the 3 pictures in the correct order:

Draw 4 pictures in the correct order. Use each of the clues so you will know what to draw.

Draw 1 of these 4 pictures.
The picture IS in the correct spot.

Draw 1 of these 4 pictures.
The picture is NOT in the correct spot.

Draw 2 of these 4 pictures.
The pictures to use are in the correct spot.

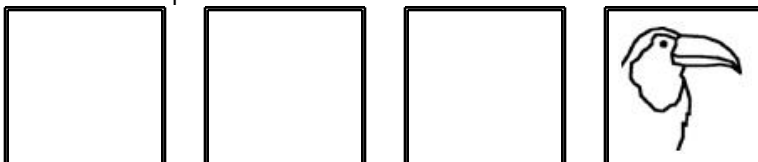Draw 2 of these 4 pictures.
1 of those pictures is in the correct spot.

Draw 2 of these 4 pictures.
The pictures to use are in the correct spot.

Draw the 4 pictures in the correct order:

Name: _____

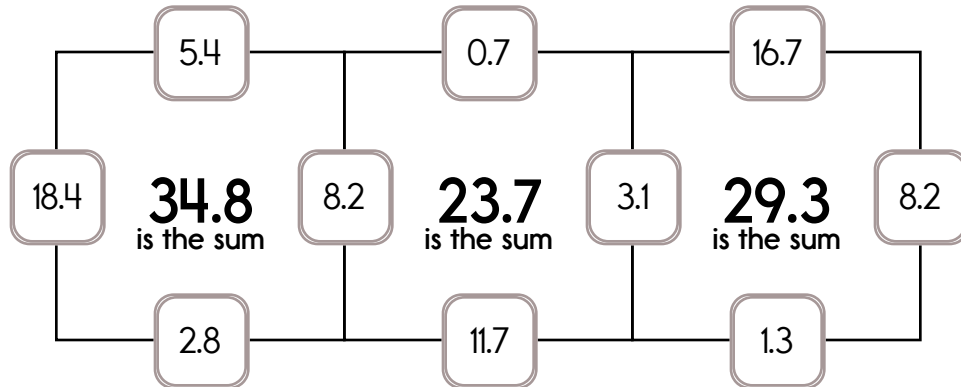This puzzle has a large number in the middle, which is the sum of the four numbers that surround it.
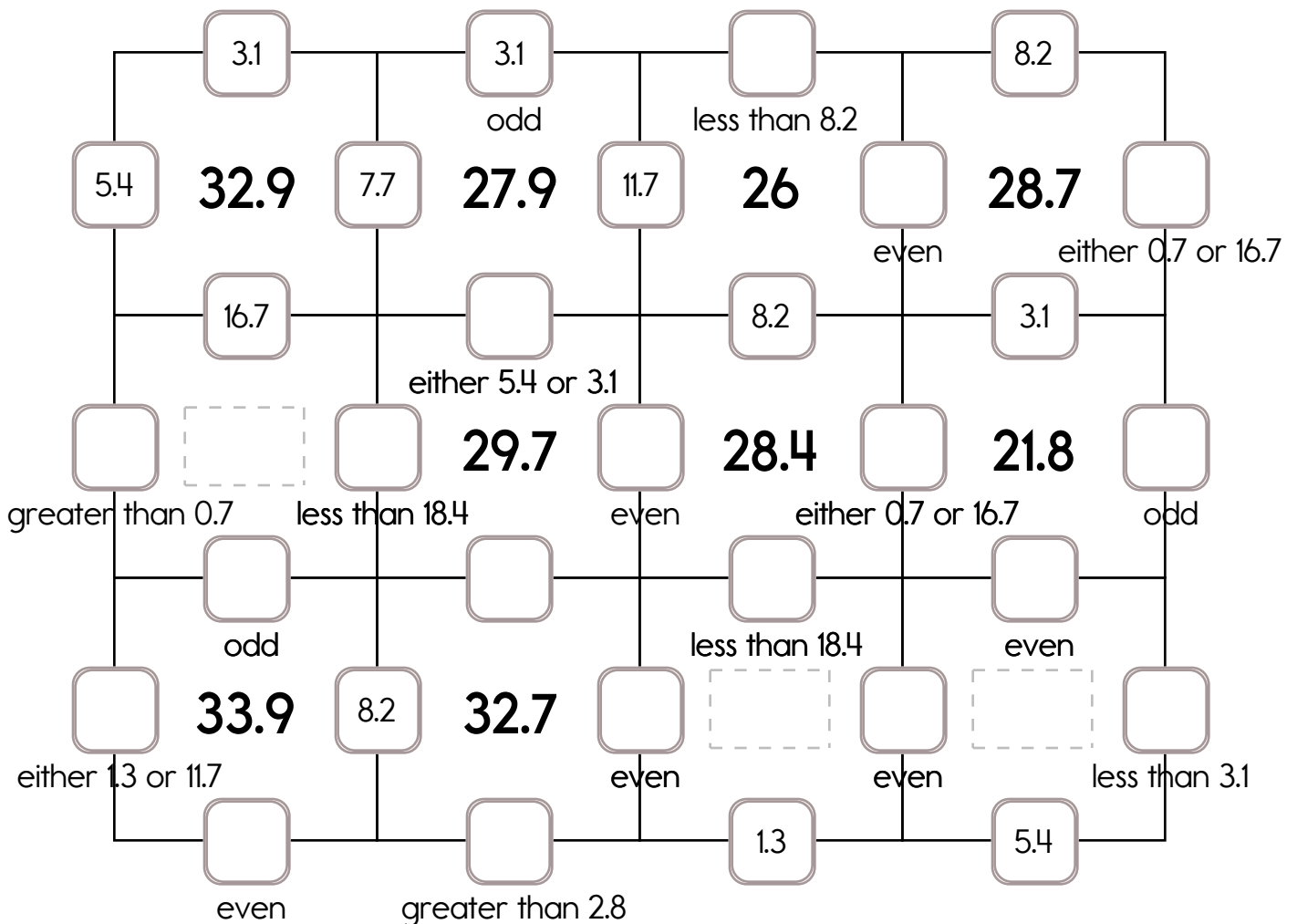
Example:
18.4 + 8.2 + 5.4 + 2.8 = 34.8

Example:
3.1 + 8.2 + 16.7 + 1.3 = 29.3

Sample:

	5.4		0.7		16.7	
18.4	**34.8** is the sum	8.2	**23.7** is the sum	3.1	**29.3** is the sum	8.2
	2.8		11.7		1.3	

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: 11.7, 18.4, or 16.7.
The other three numbers have to all be DIFFERENT and must be from these: 5.4, 3.1, 0.7, 1.3, 7.7, 8.2, or 2.8.

Top row of boxes: 3.1 | 3.1 (odd) | ☐ (less than 8.2) | 8.2

Second row: 5.4 | **32.9** | 7.7 | **27.9** | 11.7 | **26** | ☐ (even) | **28.7** | ☐ (either 0.7 or 16.7)

Third row boxes: 16.7 | ☐ (either 5.4 or 3.1) | 8.2 | 3.1

Fourth row: ☐ (greater than 0.7) | ☐ (dashed, less than 18.4) | ☐ | **29.7** | ☐ (even) | **28.4** | ☐ (either 0.7 or 16.7) | **21.8** | ☐ (odd)

Fifth row boxes: ☐ (odd) | ☐ | ☐ (less than 18.4) | ☐ (even)

Sixth row: ☐ (either 1.3 or 11.7) | **33.9** | 8.2 | **32.7** | ☐ (even) | ☐ (dashed, even) | ☐ (less than 3.1)

Bottom row boxes: ☐ (even) | ☐ (greater than 2.8) | 1.3 | 5.4
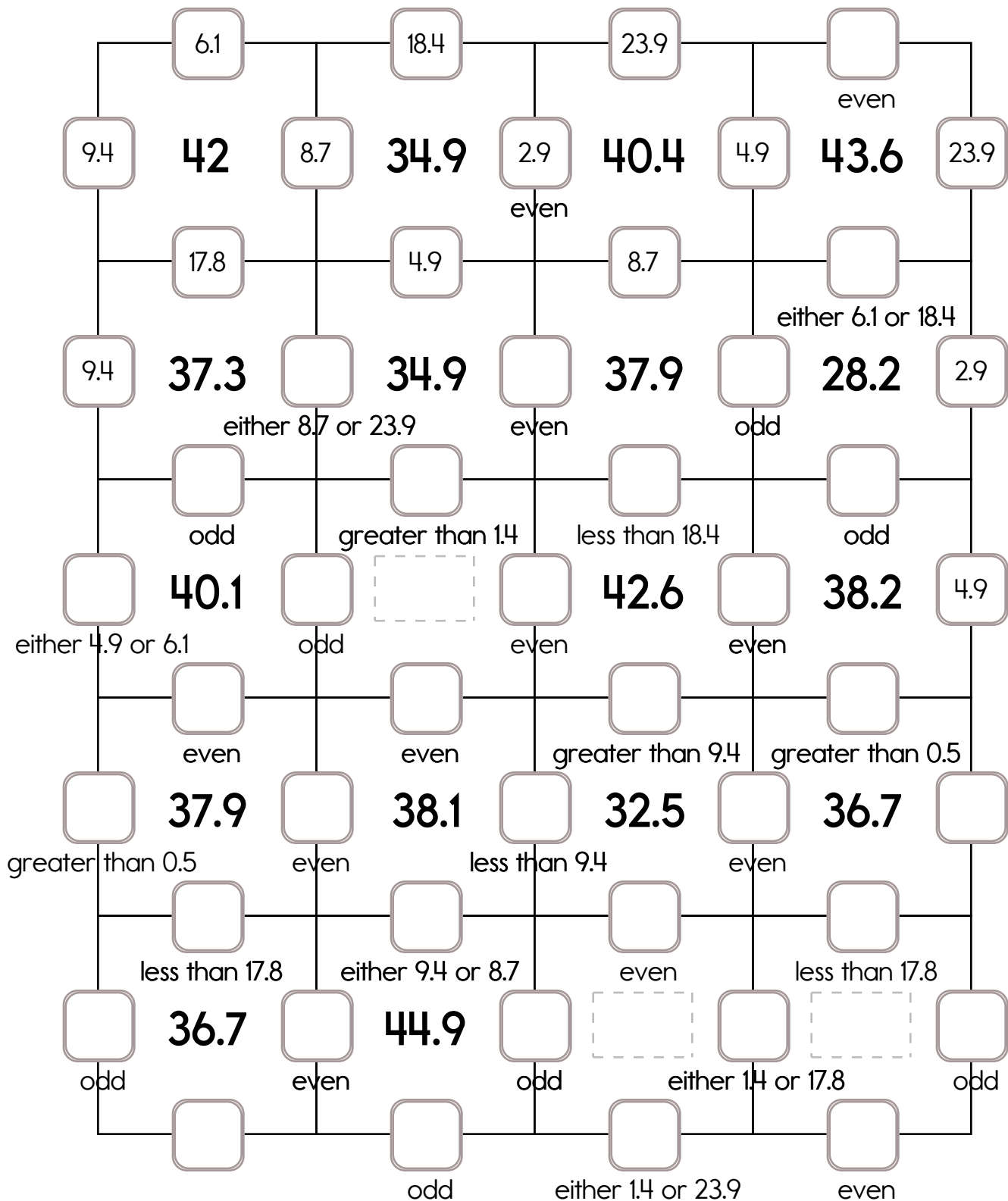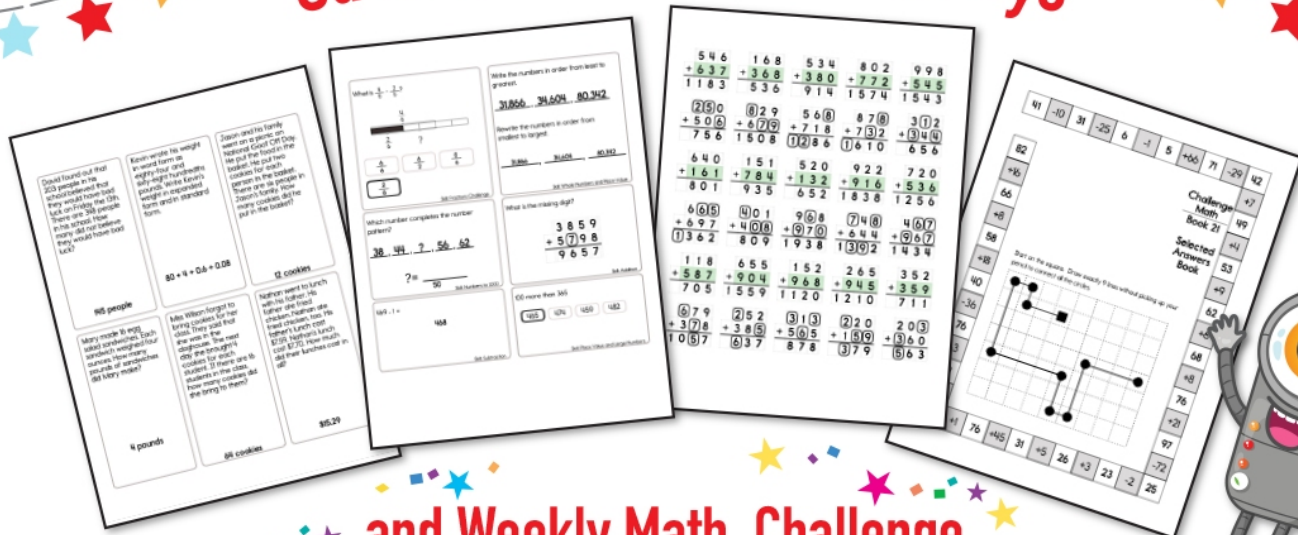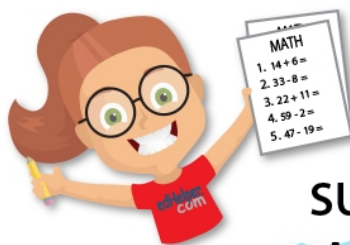
MathWorksheets.com

Name: _____

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: 18.4, 17.8, or 23.9.
The other three numbers have to all be DIFFERENT and must be from these: 6.1, 9.4,
1.4, 2.9, 0.5, 8.7, or 4.9.

	6.1		18.4		23.9		☐ even
9.4	**42**	8.7	**34.9**	2.9	**40.4**	4.9	**43.6**	23.9
	17.8		4.9 even		8.7		☐ either 6.1 or 18.4
9.4	**37.3**	☐ either 8.7 or 23.9	**34.9**	☐ even	**37.9**	☐ odd	**28.2**	2.9
	☐ odd		☐ greater than 1.4		☐ less than 18.4		☐ odd
☐ either 4.9 or 6.1	**40.1**	☐ odd	[ ]	☐ even	**42.6**	☐ even	**38.2**	4.9
	☐ even		☐ even		☐ greater than 9.4		☐ greater than 0.5
☐ greater than 0.5	**37.9**	☐ even	**38.1**	☐ less than 9.4	**32.5**	☐ even	**36.7**	☐
	☐ less than 17.8		☐ either 9.4 or 8.7		☐ even		☐ less than 17.8
☐ odd	**36.7**	☐ even	**44.9**	☐ odd	[ ]	☐ either 1.4 or 17.8	[ ]	☐ odd
	☐ odd		☐ either 1.4 or 23.9		☐ even		