













Name: _____

Puzzle:

9				288
	9			216
9	9			324
				288
486	1,296	64	144	X

Work Area:

9				288
	9			216
9	9			324
				288
486	1,296	64	144	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.



= _____



= _____



















= _____



= _____

Puzzle:

				800
				3,528
				1,000
				720
900	700	700	4,608	X

Work Area:

				800
				3,528
				1,000
				720
900	700	700	4,608	X

The product for each column and row is given. Blanks use numbers 2 to 9 only.



= _____



= _____



= _____



= _____



= _____



Name: _____

Get a fidget spinner! Spin it.

I needed to spin _____ time(s) to finish.

$$2 + 6 \times 7 - 1 = \underline{\hspace{2cm}}$$

$$10 - 4 + 3 = \underline{\hspace{2cm}}$$

$$(8 + 1) \times 6 \times 1 = \underline{\hspace{2cm}}$$

$$8 + 10 \times 10 = \underline{\hspace{2cm}}$$

$$5 \times 7 - 3 + 5 = \underline{\hspace{2cm}}$$

$$1 + 7 + 7 = \underline{\hspace{2cm}}$$

$$(5 \times 3) \times 7 \times 3 \times 3 = \underline{\hspace{2cm}}$$

$$(9 \times 5) + 10 = \underline{\hspace{2cm}}$$

$$6 \times 7 - 3 - 8 = \underline{\hspace{2cm}}$$

$$12 + 12 \times 6 = \underline{\hspace{2cm}}$$

$$9 \times 8 - 5 = \underline{\hspace{2cm}}$$

$$9 + (2 \times 8) = \underline{\hspace{2cm}}$$

$$7 + 12 \div 6 + 9 = \underline{\hspace{2cm}}$$

$$7 \times 8 \times 9 = \underline{\hspace{2cm}}$$

$$(8 + 1 + 8) - 7 - 6 = \underline{\hspace{2cm}}$$

$$4 + (6 + 11) = \underline{\hspace{2cm}}$$

$$8 + 3 - 9 + 4 = \underline{\hspace{2cm}}$$

$$3 \times 9 + 3 = \underline{\hspace{2cm}}$$

$$1 + 110 \div 10 = \underline{\hspace{2cm}}$$

$$5 - 5 + 12 = \underline{\hspace{2cm}}$$

$$7 \times 6 - 9 + 9 - 9 = \underline{\hspace{2cm}}$$

$$7 - 45 \div 9 = \underline{\hspace{2cm}}$$

$$2 + 1 - 2 + (2 + 1 + 6) = \underline{\hspace{2cm}}$$

$$6 + (2 + 6) = \underline{\hspace{2cm}}$$

$$7 \times 7 \times 9 + 7 = \underline{\hspace{2cm}}$$

$$3 \times 9 + 8 = \underline{\hspace{2cm}}$$

$$1 \times (6 \times 4) = \underline{\hspace{2cm}}$$

$$7 \times 7 + 9 = \underline{\hspace{2cm}}$$

$$1 \times 8 - 2 + 8 = \underline{\hspace{2cm}}$$

$$(11 + 5) + 4 = \underline{\hspace{2cm}}$$

$$7 \times 6 + 2 = \underline{\hspace{2cm}}$$

$$5 - 3 + 6 + 8 = \underline{\hspace{2cm}}$$

$$4 - 1 + (2 \times 4) + 6 + 2 = \underline{\hspace{2cm}}$$

Name: _____

Jack was getting a new carpet for his room. He was happy because his parents let him have just the color he wanted — bright red! His room was made up of two rectangles. The first one was 6 feet long and 8.1 feet wide. The other rectangle was 10 feet long and 13.5 feet wide. How many square yards of carpet will be needed? (Hint: 9 square feet = 1 square yard)

At the end of their study of the kinds of electricity, Mrs. Martin's class completed a quiz on the work they had done. There were twenty-five students in the class. Nine of the students made one hundred on the test, five made ninety, three made eighty, and the rest made seventy. What was the average quiz score for the class?

Wendy is binge watching Season 4 of her favorite series. Each episode is 1 hour and 18 minutes long. She just started watching and hopes to watch for 5 hours today. How many complete episodes will she be able to watch?

Circle the bigger number. Put a square around the smaller number.

6.9 thousandths

36.9 ten-thousandths

Name: _____

In which of the following numbers does 3 have the greatest value?

- A) 374
- B) 93485
- C) 93
- D) 37

Which fact belongs to the same family as $23 - 8 = 15$?

- A) $15 + 23 = 38$
- B) $8 - 15 = 23$
- C) $8 + 15 = 23$
- D) $15 \times 23 = 345$

Which number represents forty-three thousands?

- A) 43000000
- B) 43000
- C) 4300
- D) 43

Which of the following numerals has a 1 in the hundreds place?

- A) 3142
- B) 2341
- C) 3412
- D) 2431

What should replace the _____ to make the following sentence true?

$$5 \times 6 = 43 \text{ _____ } 13$$

- A) -
- B) +
- C) \div

Michael's room is six hundred ninety-six square feet. Which of the following is the correct measurement of Michael's room?

- A) 29 ft by 28 ft
- B) 26 ft by 37 ft
- C) 24 ft by 29 ft
- D) 30 ft by 43 ft

Name: _____

The third grade classes are going to the park. They will play many outdoor games. There are 3 buses. Each bus holds 35 students. Two buses are full. There are 24 students on the other bus. How many students are on the buses?

Gavin wants to be a police officer. He meets all the requirements but one -- he can't do 38 sit-ups. He can only do 20 sit-ups at once. What is the ratio of the number of sit-ups he has to do to the number of sit-ups he can do? Write your answer as a fraction in lowest terms.

Mary wants to give each guest at her birthday party four mini-cans of Play-Doh. The cans are sold in bags of ten for \$3.92. If there are thirty-three guests at her party, how much will it cost to give three mini-cans of Play-Doh to each guest?

What Words? Your Words!

Fill in the boxes with letters to make words. Each box is worth points. Earn points by filling in as many boxes as you can. Sum up the points you earn for each word.

Make a Word

Sum

1 2 4 6 12 18
P R I C E S

13

1 2 6 10 16 22
S T

1 2 6 12 18
T R E

1 2 4 6 8 14 20
U

Make a Word

Sum

1 2 4 6 8 12
O

1 2 4 6 12
I N

1 2 4 6 10 16
A G

1 2 4 6 12 18
K I

_____ feet

Name: _____

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

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

ANGRY • PUSHES • RESTAURANT
ACCESS • MELANCHOLY • JUDGE
REMOVE • PRECOOK • FOUL
WHISPER • FRIGID • NATIONAL

$$\begin{array}{r} 628 \\ - 554 \\ \hline \end{array}$$

Alex invented a robotic bug. The bug can crawl three centimeters in seventeen seconds. How long would it take the bug to crawl sixteen centimeters?

Can 297 be evenly divided by 7? Circle:
297 is evenly divisible by 7
297 is NOT evenly divisible by 7

1 lb = 16 oz

11 lb = _____ oz

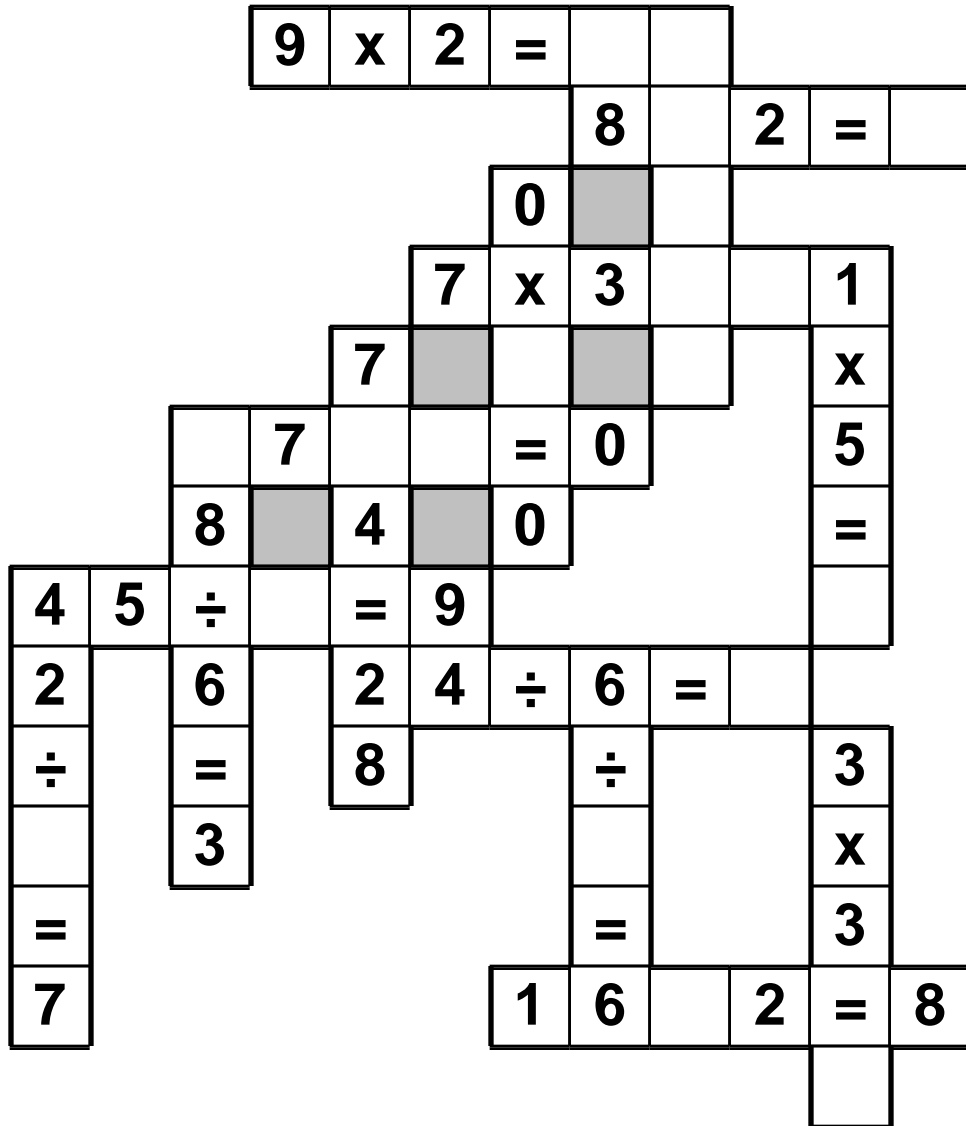
$$8 \times 7 =$$

$$\begin{array}{r} 76 \\ - 54 \\ \hline \end{array}$$

Name: _____

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

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



$48 \div 4 =$

Circle the word that best completes the sentence.

I will meet you (there/their).

Circle the addition property for $44 + 154 = 154 + 44$.

associative property

commutative property

Write the base word for the word "reunion."

$36 \div 12 =$

Name: _____

At 2 p.m. today, Emma will not be able to use her electronics for 2 hours. At what time will she be able to resume using her phone?

$$(5 + 4) \times 9$$

$$676 + 7 =$$

Anna has 28 nickels. How much money is that?

You need to add what to 66 to get 73?

Erin has 55 books. She organized them equally into 5 boxes. How many books in each box?

Circle the three numbers whose sum equals 33.

11 13 7 10
14 19 13 15

Draw a number line with 0, $\frac{1}{2}$, and 1. Show where $\frac{5}{10}$ would go. Is $\frac{5}{10}$ closer to 0, $\frac{1}{2}$, or 1?

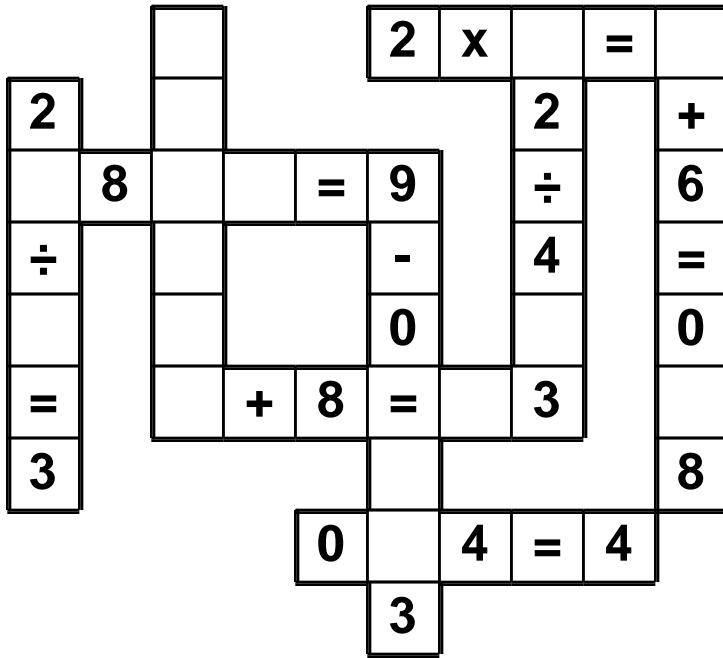
$6\frac{1}{3}$, 6, $5\frac{2}{3}$, $5\frac{1}{3}$, 5,
 $4\frac{2}{3}$, $4\frac{1}{3}$, 4, $3\frac{2}{3}$,
 $3\frac{1}{3}$, 3, $2\frac{2}{3}$, $2\frac{1}{3}$,
_____, $1\frac{2}{3}$, $1\frac{1}{3}$, 1, $\frac{2}{3}$

The perimeter of a rectangle is 20 cm. The longer side is 8 cm. How long is the shorter side?

A rectangle is 39 cm on one side and 11 cm on another side. What is the perimeter?

What is 50% of 956?

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



42 divided by 6 equals

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.

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

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

2 1 4 3

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

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

4 3 2 1

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

Hint - These numbers are missing:

1 3 4 3 2 2 1 1 4

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

Hint - These numbers are missing:

2 1 1 2 3 4 3 4 2

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

3 1 3 4
4 1 2

3		3		3
1	4			
	3	2		2
1		1	4	

Hint - These numbers are missing:

4 1 2 1 3
4 2 2 1

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

Hint - These numbers are missing:

3 4 4 2
1 2 4 3

			2
3	4		
1	2	1	2
		4	3
2		2	

Hint - These numbers are missing:

1 1 1 4 2
4 3 1 3

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

[illegible]

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

[illegible]

Name: _____

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

SAGE

herbal
dreaded
wise
portent
genius

PALTRY

insignificant
pastry
necessary
foundational
useful

REFUTE

reject
remember
redo
reinstate
repeal

NADIR

flat
rugged
lowest point
environmental
zenith

APOCRYPHAL

supernatural
end of the world
authentic
written
spurious

BUCOLIC

rustic
urban
aged
complementary
populated

PUNGENT

discolored
wet
dangerous
oily
strong smelling

LUCRATIVE

tax free
miserly
very profitable
altruistic
broke

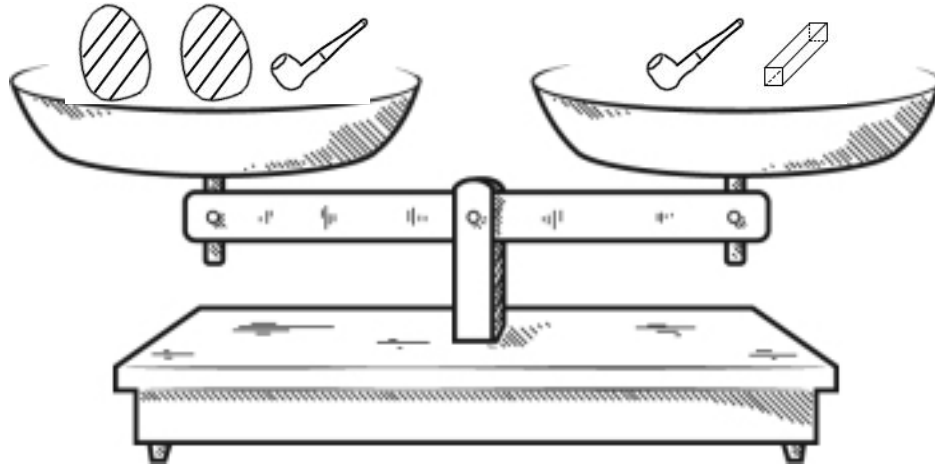
DOZE



batter
deviate
twelve of something
nap
boast

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



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

Name: _____


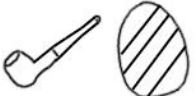


 $>$ 



☐ True ☐ False

 $=$ 



☐ True ☐ False

 $<$ 


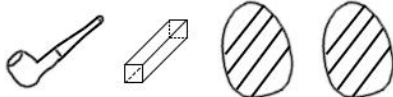
☐ True ☐ False

 $<$ 



☐ True ☐ False

 $=$ 

☐ True ☐ False

 $=$ 

☐ True ☐ False

 $=$ 

☐ True ☐ False

Did you find that three 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!

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:

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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.

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

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

4 1 2 3

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

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

1 2 3 4

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

Hint - These numbers are missing:

4 1 2 4 4 3

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

Hint - These numbers are missing:

4 3 3 2 3 2 2 3

Round 5,706 to the nearest thousand.

How many minutes is it from 9:00 a.m. to 10:45 a.m.?

Write the missing family fact.

$$128 \div 8 = 16$$

$$8 \times 16 = 128$$

$$128 \div 16 = 8$$

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

1 4 1 3
4 1 3

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

Hint - These numbers are missing:

4 1 2 3
1 4 1 3

1			4	1
2		2	3	
1	4			1
3				3

Hint - These numbers are missing:

3 4 3 4 2
1 2 2 1

	4	1	3	2
		2	4	
	4		3	
1	3		4	

Hint - These numbers are missing:

3 1 1 2 1
1 2 2 2

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:

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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.

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

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

3 2 4 1

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

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

1 4 3 2

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

Hint - These numbers are missing:

2 4 1 2 3 4 2 4

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

Hint - These numbers are missing:

1 1 1 2 4 4 3 3

Name: _____

Fill in the missing numbers.

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

Hint - These numbers are missing:

1 3 4 1
2 3 4

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

Hint - These numbers are missing:

3 4 2 2
1 4 2 4

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

Hint - These numbers are missing:

1 2 2 3
3 2 4 2

2		2	
4		4	3
1		1	
			3
2		2	1

Hint - These numbers are missing:

3 2 1 4 1
1 2 3 4

Name: _____

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

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

Write the reciprocal.

$$\frac{4}{3}$$

Write the reciprocal.

$$\frac{2}{3}$$

Write the reciprocal.

$$\frac{6}{12}$$

$$(4 + 3) + 9 =$$

Cross out all of the prepositional phrases in the sentence.

I sat under the tree in the shade with my lemonade.

Name: _____

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

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

Write the words found.

<u>SLOWLY</u>	<u>FREIGHT</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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

Write the words found.

<u>SPACE</u>	<u>EQUIVALENTS</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name: _____

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

DYNAMIC

charming
explosive
persuasive
energetic
stagnant

ACCOLADE

legitimacy
fear
beverage
praise
worry

VEHEMENT

emergency
placid
delineated
passionate
melted

WARY

demanding
suspicious
trusting
hostile
earnest

PRICELESS

expensive
invaluable
affordable
exquisite
worthy

CONNIVING

scheming
bereaving
salivating
admiring
rousing

TERMINATE

expand
regulate
deflate
end
commence

CREDIBLE

confused
believable
jolly
humorous
gracious

COVET

retain
copy
forecast
relish
spurn

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

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

Name: _____

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

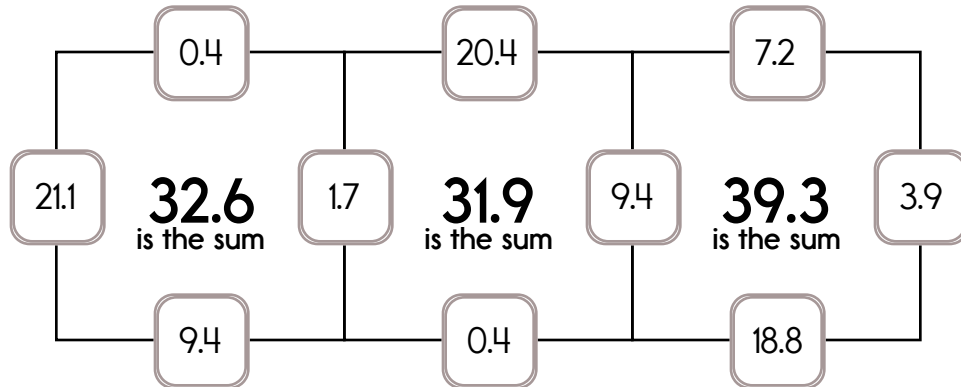
Example:

$$21.1 + 1.7 + 0.4 + 9.4 = 32.6$$

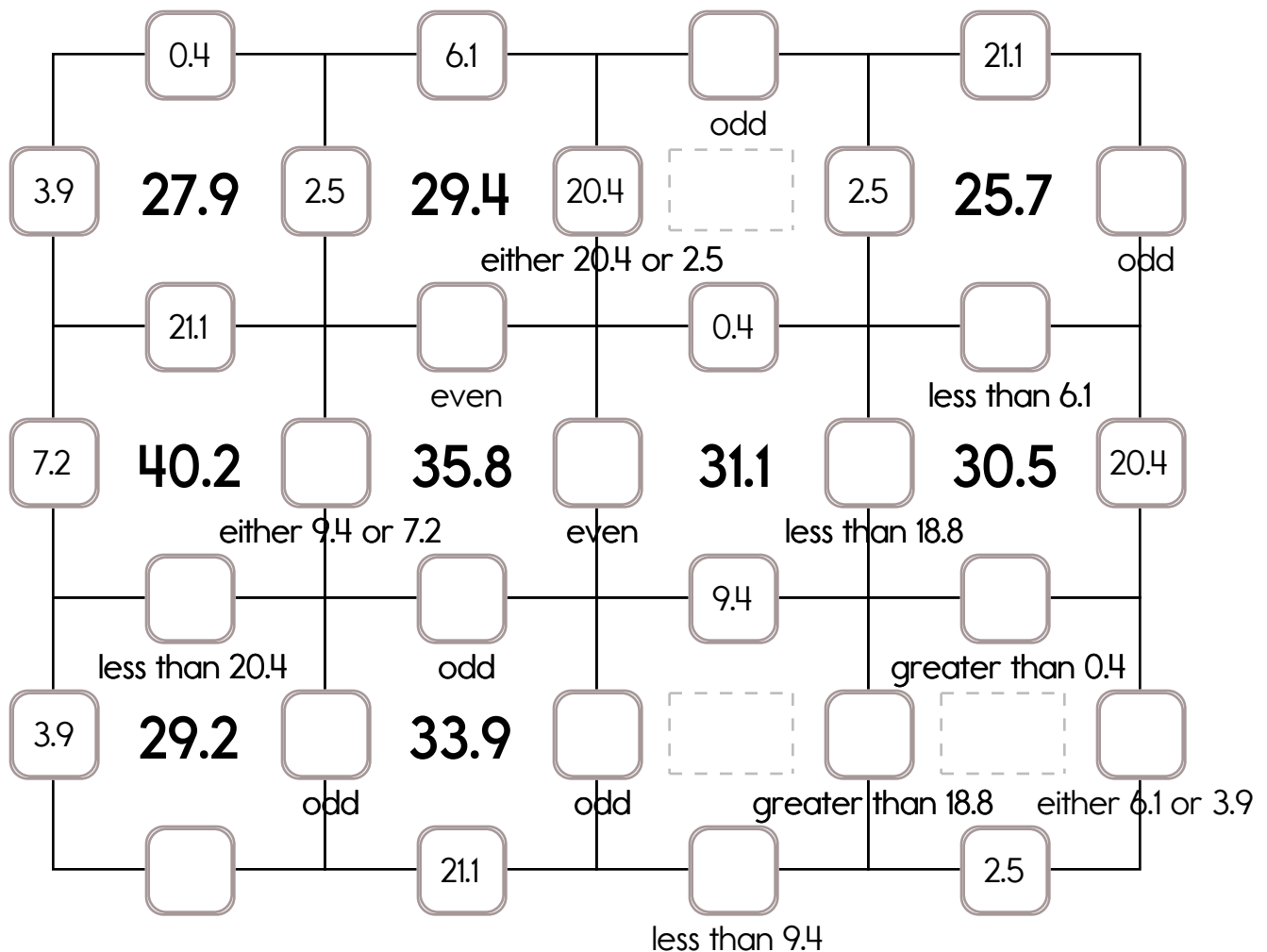
Example:

$$9.4 + 3.9 + 7.2 + 18.8 = 39.3$$

Sample:



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: 21.1, 18.8, or 20.4. The other three numbers have to all be DIFFERENT and must be from these: 6.1, 1.7, 3.9, 0.4, 2.5, 7.2, or 9.4.



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: 13.4, 21.5, or 19.9. The other three numbers have to all be DIFFERENT and must be from these: 5.9, 6.7, 2.9, 3.2, 1.6, 9.2, or 0.2.

	21.5		9.2		9.2			
		either 19.9 or 9.2				greater than 1.6		
5.9	32.2	1.6	27.4	3.2	33.9		29.7	0.2
						odd		
3.2						odd	2.9	
		either 13.4 or 5.9						
	24.9				31.9		27.8	
odd		either 0.2 or 5.9	either 2.9 or 13.4				less than 19.9	
	either 21.5 or 1.6	either 19.9 or 6.7	less than 13.4			even		
	21.1		29.5		29.2		31.6	3.2
less than 19.9		odd	even		either 21.5 or 5.9			
		less than 13.4	less than 13.4			greater than 2.9		
	26.2		32.2		27.6		34.1	
either 3.2 or 21.5		even			greater than 1.6	greater than 0.2		
		odd	odd		either 3.2 or 2.9			
	35.2		32.2					
odd		odd	even		odd		odd	
		even			odd		even	



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