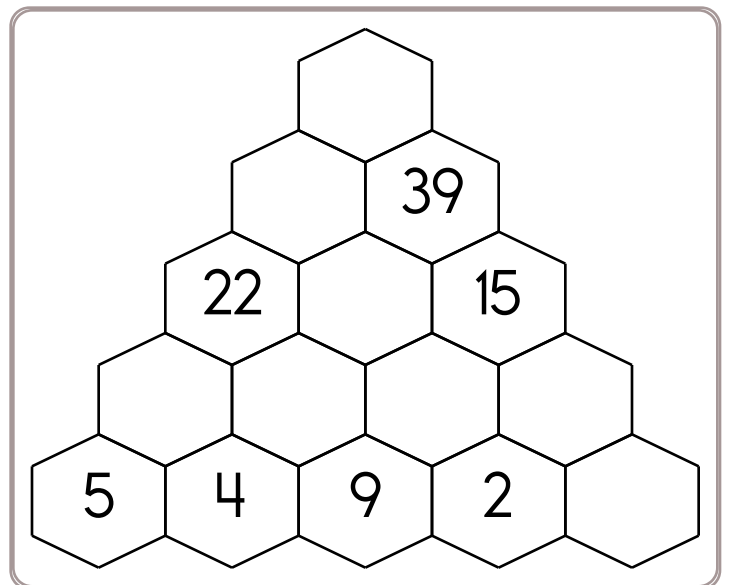
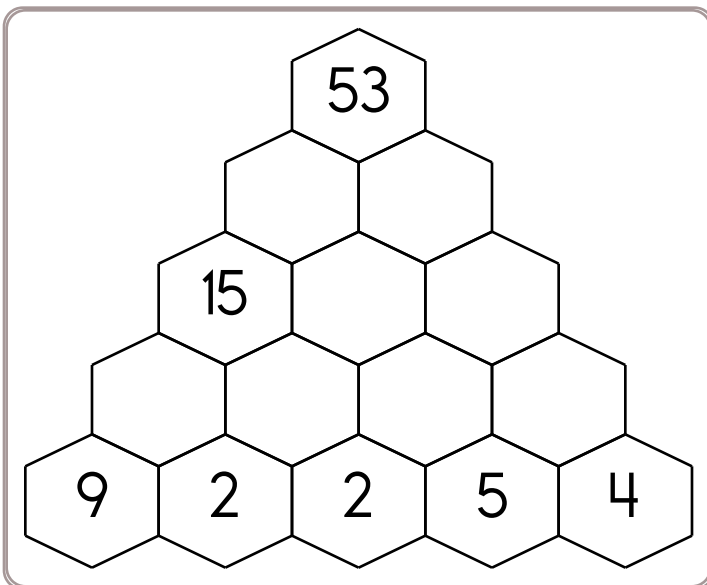
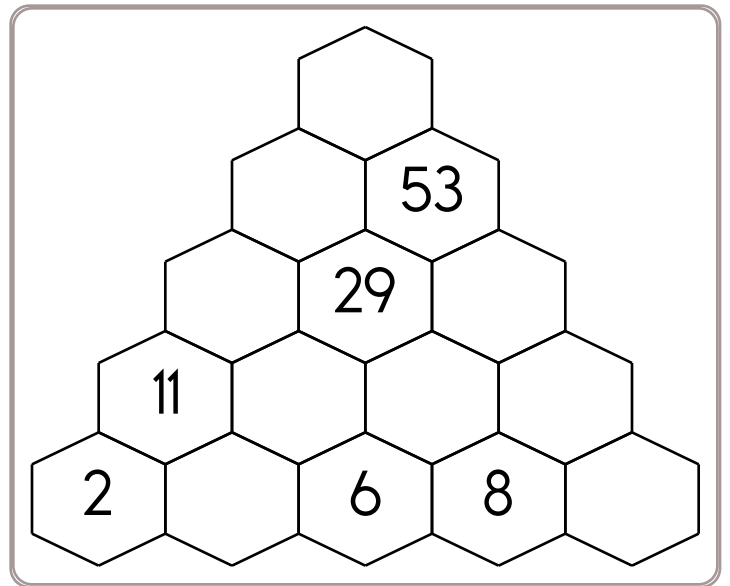
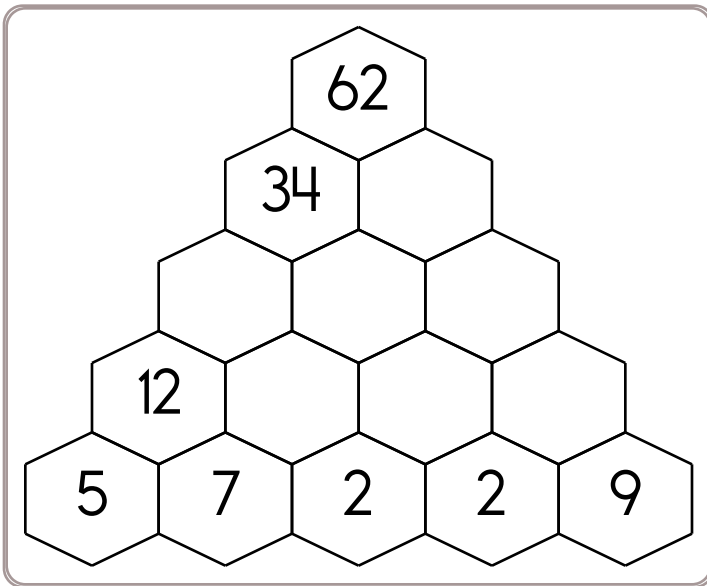
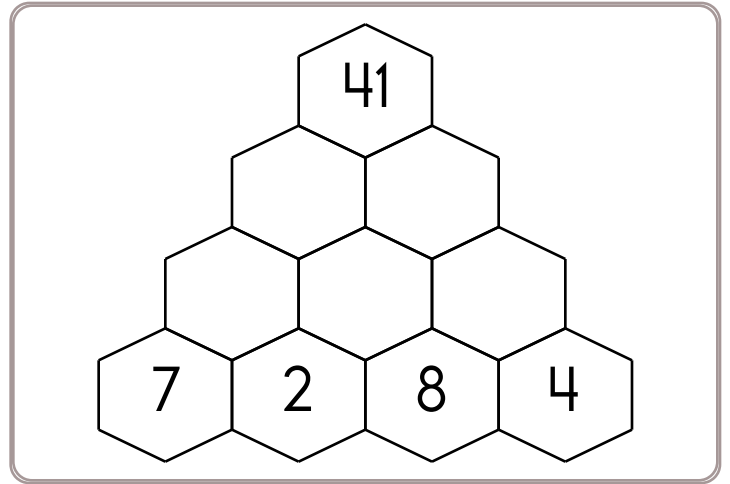
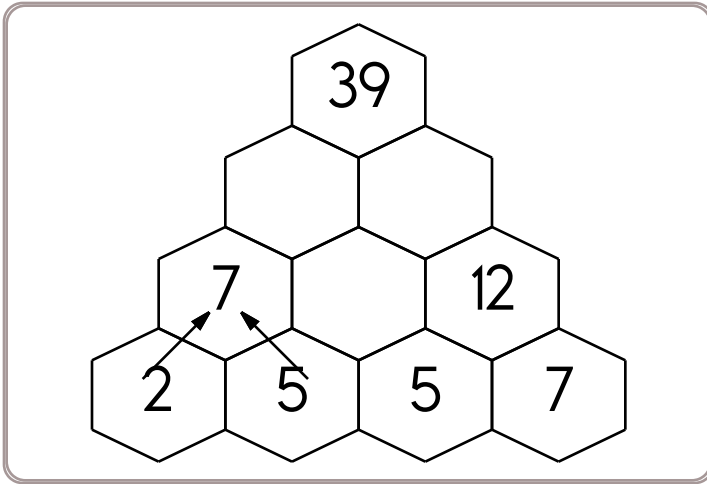


Name: \_\_\_\_\_

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

word root **il** can mean **not****illiterate, illegible**

Name: \_\_\_\_\_

X				8	12	10
	64	32	24			
	___x___	___x___	___x___	___x 8	___x 12	___x 10
3	24					
	3 x ___	3 x ___	3 x ___	3 x 8	3 x 12	3 x 10
		36	27			90
	___x___	___x___	___x___	___x 8	___x 12	___x 10
4			12	32		
	4 x ___	4 x ___	4 x ___	4 x 8	4 x 12	4 x 10
					72	
	___x___	___x___	___x___	___x 8	___x 12	___x 10
			21			
	___x___	___x___	___x___	___x 8	___x 12	___x 10
	72					
	___x___	___x___	___x___	___x 8	___x 12	___x 10
	32	16				
	___x___	___x___	___x___	___x 8	___x 12	___x 10

$\begin{array}{r} 908 \\ - 586 \\ \hline \end{array}$	$\begin{array}{r} 22 \\ + 26 \\ \hline \end{array}$	<p>What part of speech is underlined in this sentence?</p> <p>My ancient computer won't last <u>until</u> the end of the school year.</p> <p>_____</p>	$\begin{array}{r} 250 \\ + 298 \\ \hline \end{array}$
---	---	--	---

word root **retro** can mean **backward****retrofit, retroactive**

Name: \_\_\_\_\_

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

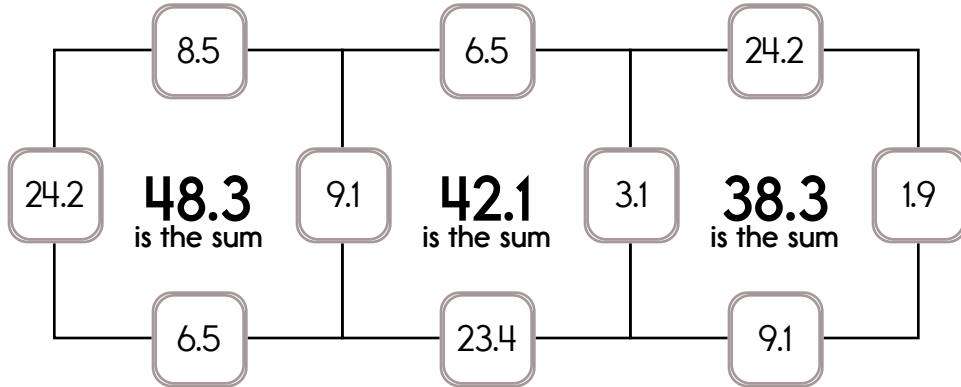
Example:

$$24.2 + 9.1 + 8.5 + 6.5 = 48.3$$

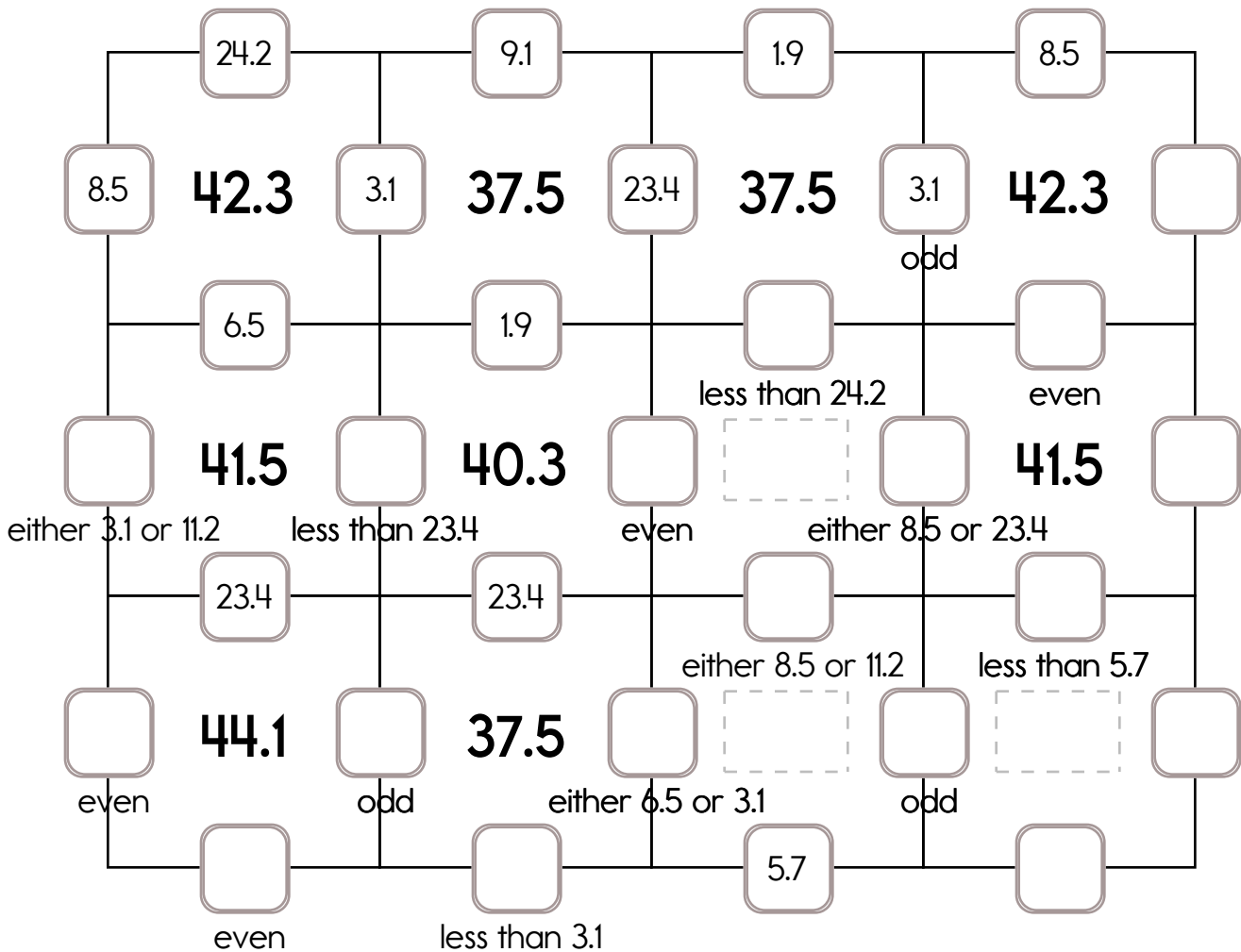
Example:

$$3.1 + 1.9 + 24.2 + 9.1 = 38.3$$

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: 11.2, 23.4, or 24.2. The other three numbers have to all be **DIFFERENT** and must be from these: 6.5, 1.9, 8.5, 5.7, 9.1, or 3.1.



A 10x10 grid logic puzzle. The grid contains numbers and clues. Some cells are empty, and some are highlighted with dashed borders. The clues are as follows:

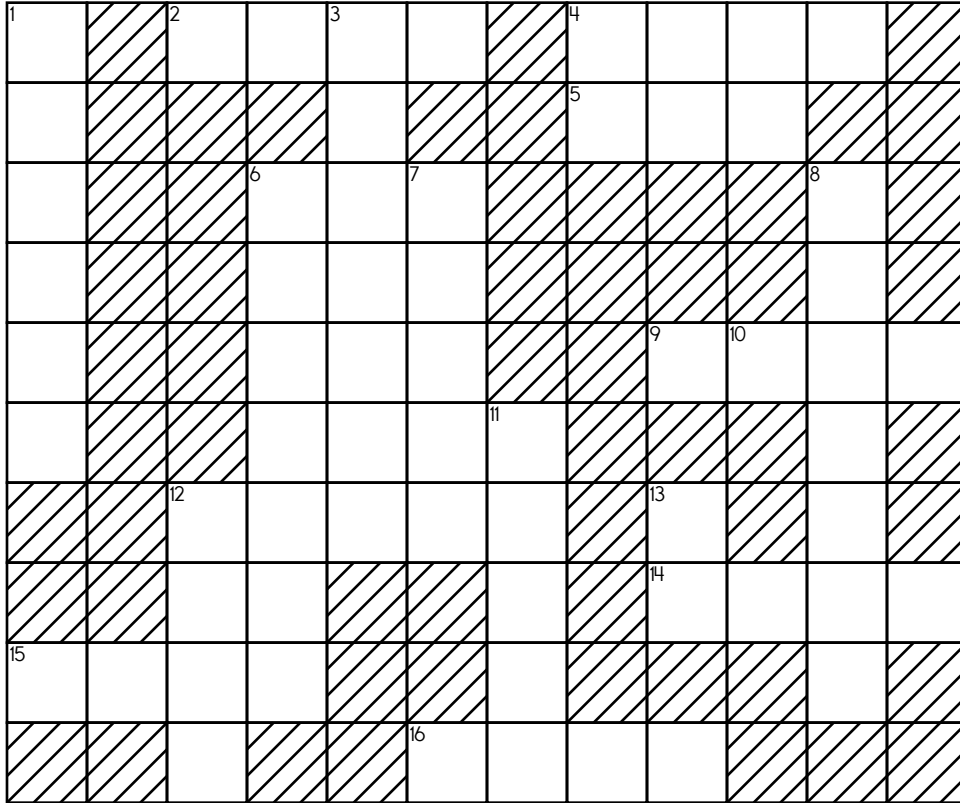
- Row 1: 4.3, 20.5, 9.6, 11.3
- Row 2: 6.6, 47.8, 7.8, 35.4, 1.4, 26.6, 25.5, 2.1
- Row 3: 29.1, 5.7, odd, odd
- Row 4: 42.6, 46.9, 27.9, 5.7, 34.4
- Row 5: either 4.3 or 7.8, even, either 1.4 or 29.1, less than 20.5, odd, either 1.3 or 1.4
- Row 6: odd, either 1.4 or 29.1, less than 20.5, odd
- Row 7: 30.6, 43.5, 31.4, 47.9, 29.1
- Row 8: even, less than 29.1, greater than 4.3, odd
- Row 9: even, either 2.1 or 4.3, less than 20.5, either 1.4 or 6.6
- Row 10: less than 29.1, even, less than 9.6, either 9.6 or 5.7
- Row 11: odd, even, odd, odd
- Row 12: 48.6, 37.2, odd, odd, less than 29.1, even
- Row 13: less than 9.6, either 1.4 or 20.5, greater than 9.6, either 20.5 or 4.3

Name: \_\_\_\_\_

**ACROSS****DOWN**

2. the tens in 14-Across + the ones in 9-Across + the thousands in 11-Down + the hundreds in 4-Across
3. Its digits total 17
4. the ones in 13-Down + the hundreds in 15-Across + the thousands in 11-Down
5. the hundreds in 14-Across + the tens in 1-Down + the ones in 13-Down
9. the thousands in 1-Down + the ones in 10-Across + the tens in 11-Down + the hundreds in 4-Across
10. the ones in 1-Down + the tens in 5-Across + the hundreds in 14-Across
14. **nine thousand, eight hundred ninety-one**
15. the ones in 13-Down + the thousands in 1-Down + the hundreds in 14-Across + the tens in 5-Across
16. the ones in 10-Across + the tens in 7-Down + the thousands in 12-Down

1. six hundred fifty-nine thousand, one hundred seventy-eight
3. nine million, three hundred thirty-four thousand, five hundred forty-six
6. seven million, seven hundred forty-five thousand, two hundred twenty-nine
7. the ten thousands in 11-Down + the tens in 15-Across + the hundreds in 5-Across + the thousands in 1-Down
8. five million, four hundred seventy-four thousand, ninety-six
11. the tens in 10-Across + the thousands in 15-Across + the ten thousands in 1-Down + the hundreds in 5-Across
12. the tens in 1-Down + the ones in 5-Across + the thousands in 14-Across
13.  $5 + 14$



Name: \_\_\_\_\_

	+		+		+		=	
	A	B	C	A		?		
+	C	B	B	B		40		
=								
	6	24	16	14				

**Equations and Hints:**

Each letter is a whole number.

Fill in the equations using the chart:

$$C + B = 16 \quad A + C = \underline{\quad} \quad \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = 40$$

$$\underline{\quad} + \underline{\quad} = 24 \quad \underline{\quad} + \underline{\quad} = 14$$

Additional hints:

$$C = A + 2 \quad C < 6$$

**Show Work:****Solve:**

$$? = \underline{\quad}$$

Name: \_\_\_\_\_

Draw a line to match each problem with the same answer.

$40 \times 15 =$

$15 \times 46 =$

$48 \times 22 =$

$19 \times 26 =$

$36 \times 21 =$

$20 \times 30 =$

$13 \times 38 =$

$46 \times 12 =$

$30 \times 23 =$

$48 \times 13 =$

$24 \times 48 =$

$32 \times 33 =$

$46 \times 18 =$

$42 \times 18 =$

$23 \times 24 =$

$40 \times 27 =$

$33 \times 13 =$

$23 \times 36 =$

$30 \times 36 =$

$44 \times 20 =$

$24 \times 26 =$

$11 \times 39 =$

$40 \times 22 =$

$36 \times 32 =$

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

$2\frac{5}{8} + 6\frac{2}{8}$

How many centimeters in 8.5 meters?

Write  $\frac{5}{25}$  in lowest terms.

32, 52, 72, 92, 112, \_\_\_\_\_,  
152, 172

6, \_\_\_\_\_, 61, 549, 556,  
5004, \_\_, \_\_

Name: \_\_\_\_\_

Four piggy banks contain a combination of dimes and pennies. Each piggy bank has twelve, six, five, or fifteen dimes. Each piggy bank also has eleven, five, ten, or fourteen pennies. Ethan, Sierra, Samantha, and Sarah are the owners of the piggy banks.

Figure out how many dimes and pennies each person has.

1. The person with \$1.20 worth of dimes is not the one with fourteen cents worth of pennies.
2. Sarah has a total of \$1.61.
3. Ethan has either fourteen cents or five cents worth of pennies.
4. The value of Sierra's dimes is forty cents more than the value of Sierra's pennies.
5. Sierra has less than \$1.30 worth of dimes.
6. If the number of dimes Samantha had were doubled, then the value of the dimes would be \$2.40.

Ethan has \_\_\_\_\_ dimes and \_\_\_\_\_ pennies.

Sierra has \_\_\_\_\_ dimes and \_\_\_\_\_ pennies.

Samantha has \_\_\_\_\_ dimes and \_\_\_\_\_ pennies.

Sarah has \_\_\_\_\_ dimes and \_\_\_\_\_ pennies.

Change to a percent.

$$\frac{71}{100}$$

$$\frac{15}{25} = \frac{?}{5}$$

Write as a percent.

$$\frac{2}{10}$$

1 lb = 16 oz

29 lb = \_\_\_\_\_ oz

Choose the word that best completes the sentence.

Kathryn and Olivia have already finished (their/there) project.



Name: \_\_\_\_\_

Complete each pattern.

J, 8, 5, J, 8, 5, J, 8, 5, \_\_\_\_, \_\_\_\_, 5

x, y, l, S, x, y, l, \_\_\_\_, \_\_\_\_, y, l, S, x, y, l, S, x

Complete each pattern, using the same rule. Write what the rule is.

6, 72, 78, 936, 942, 11304, 11310, \_\_\_\_, \_\_\_\_

5, 60, 66, 792, 798, 9576, 9582, \_\_\_\_, \_\_\_\_

4, \_\_\_\_, \_\_\_\_, \_\_\_\_, 654

Name: \_\_\_\_\_

**Sudoku Sums of 16**

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 16.

Here is an example of a sudoku sum of 16:

13	3
----	---

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

$$44 + n = 61$$

What is the value of n?

$$\frac{1}{27}, \frac{1}{9}, \frac{1}{3}, (1), (3),$$

$$(9), (27), \underline{\hspace{2cm}},$$

$$(243)$$

Estimate quickly the  
 difference.  
 $6,380 - 2,800$

Name: \_\_\_\_\_

Cross off the number that does NOT belong.

$$37 \frac{3}{4}, 36 \frac{1}{4}, 34 \frac{3}{4}, 33 \frac{1}{4}, 33^{\wedge\wedge}, 31 \frac{3}{4}, 30 \frac{1}{4},$$

$$28 \frac{3}{4}, 27 \frac{1}{4}, 25 \frac{3}{4}, 24 \frac{1}{4}, 22 \frac{3}{4}, 21 \frac{1}{4}, 19 \frac{3}{4}$$

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

$$(1,446,273,274,880), (103,305,233,920), (32,470,016,445),$$

$$(7,378,945,280), (527,067,520), (37,647,680),$$

$$(2,689,120), (192,080), (13,720), (980), (70)$$

Why does \_\_\_\_\_ not belong in the pattern?

Name: \_\_\_\_\_

Hunter, Hannah, Jacob, Zachary, and Alexis counted the number of pennies that they saved. Each person had a different number of pennies. One has nine hundred ninety-six pennies, one has eight hundred fifty pennies, one has seven hundred seventy-eight pennies, one has one hundred thirty-three pennies, and one has five hundred one pennies

How many pennies does each person have?

1. Among the number of pennies that everyone has, Zachary's total has the largest number in the tens place.
2. For the number of pennies that Alexis has, the ones place is more than the tens.
3. The sum of the hundreds and ones place in the number of pennies that Hannah has is four.
4. Hunter's total number of pennies is not 501.
5. Among the number of pennies that everyone has, Jacob's total has the smallest number in the ones place.

Hunter has \_\_\_\_\_ pennies.

Hannah has \_\_\_\_\_ pennies.

Jacob has \_\_\_\_\_ pennies.

Zachary has \_\_\_\_\_ pennies.

Alexis has \_\_\_\_\_ pennies.

The radius of a circle is 660 cm. What is the diameter of this circle?

How many centimeters in 430.3 meters?

15, 30, 45, \_\_\_\_\_, 75, 90

word root **ob** can mean **against or toward**

**obstruct, obstruction**

Name: \_\_\_\_\_

Complete each pattern. Write what the rule is.

7.8	15.6	23.4
31.2		46.8
54.6		70.2

Find the missing numbers. These both have the same rule. What is the rule?

If

$1, 5 = 6$

$2, 8 = 10$

$3, 12 = 15$

$4, 14 = 18$

Then

$5, 16 = ?$

If

$7, 6 = 13$

$8, 8 = 16$

$9, 12 = 21$

$10, 16 = 26$

Then

$11, 20 = ?$

Name: \_\_\_\_\_

Cross off the number that does NOT belong.

11, 13, 15, 16, 17, 19, 21, 23, 25, 27, 29

Why does \_\_\_\_\_ not belong in the pattern?

Cross off the number that does NOT belong.

240, 210, 182, 156, 132, 110, 97, 90, 72, 56, 42, 30, 20, 12

Why does \_\_\_\_\_ not belong in the pattern?

Name: \_\_\_\_\_

Alexander, Sydney, Ethan, and Eric each started a sticker collection in February. Each one of them collected a different number of stickers in February and March. During the first month, they collected 21, 31, 22, and 26 stickers. During the second month, they collected 52, 53, 39, and 49 stickers.

Figure out how many stickers each person collected in February and March.

1. Ethan and Sydney both were not the ones who collected thirty-nine stickers in March.
2. Sydney collected thirty more stickers in March than in February.
3. Ethan collected twenty-three more stickers in March than in February.
4. Eric has a total of seventy stickers.
5. If Alexander did not collect stickers in February then Alexander would only have 53 stickers.

Alexander collected \_\_\_\_\_ stickers in February and \_\_\_\_\_ stickers in March.

Sydney collected \_\_\_\_\_ stickers in February and \_\_\_\_\_ stickers in March.

Ethan collected \_\_\_\_\_ stickers in February and \_\_\_\_\_ stickers in March.

Eric collected \_\_\_\_\_ stickers in February and \_\_\_\_\_ stickers in March.

Find the sum of 39 and 84.

$$\begin{array}{r} 66 \\ + 81 \\ \hline \end{array}$$

Subtract 83 from 834.

What part of speech is the underlined word? Explain the word's function in this sentence.

My cat jumped on the roof.

\_\_\_\_\_

Name: \_\_\_\_\_

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

	H	T	S	T	P	V		S	
D							W	P	
M	V	B	T	B	V	S	H		N
		R	C				I	R	
L	C		H	R	M	B	R		Q
	S	T		N			L		
C			L		N	L	P		
	N	L	H	C	T		O	S	
L	Y			L		T	O		Y
	X	S	P			Y	L	Q	T

UNIQUE • SATCHEL • ONYX  
VISIBILITY • SPURIOUS • PAVEMENT  
BRUTAL • TABERNACLE • WHIRLPOOL  
HAVOC • MOLECULE

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

PROTEAN • UMPIRE • CONVERTIBLE  
IRATE • EFFLUVIUM • UNIQUE  
VISIBILITY • SPURIOUS • HAVOC  
ONYX • HARMONICA • FOCUS  
FISSION • OMIT • CEASE  
SATCHEL • MOLECULE • WHIRLPOOL  
GAGGLE • CONSISTENT  
PEDESTRIAN • TABERNACLE • BRUTAL  
SNAFU • SONNET • PAVEMENT  
OVERT

How many feet are in 96 inches?

\_\_\_\_\_ feet

$77 \div 11 =$

$$\begin{array}{r} 63 \\ - 42 \\ \hline \end{array}$$

26 kg = \_\_\_\_\_ g

Circle the digit in the tenths place.

83.8973

Circle the answer that best completes the sentence.

(May/Can) you do a back handspring?

Circle the relative adverb.

I can't remember why we got extra homework.



Name: \_\_\_\_\_

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

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

Write the words found.

<u>DESTINATION</u>	<u>SERVICING</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

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

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

Write the words found.

<u>INSTRUCTIONS</u>	<u>NEWSPAPERS</u>	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Name: \_\_\_\_\_

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

**UNKEMPT**

loose  
unruly  
impolite  
dour  
disheveled

**ENMITY**

nemesis  
whiner  
competitor  
affectation  
hatred

**NONCHALANT**

passive  
exclamatory  
unconcerned  
emotive  
trendy

**TACTFUL**

sharp  
blunt  
coarse  
discreet  
honed

**MONOTONY**

marriage  
tedium  
enervating  
energizing  
commitment

**OMINOUS**

foreboding  
passion  
pleasant  
dearth  
thriving

**PLAUSIBLE**

incredible  
healthy  
believable  
incredulous  
creative

**ELUCIDATE**

clarify  
drive  
confuse  
complain  
arrange

**FRANK**

fictitious  
candid  
avoidant  
reticent  
dishonest

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














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

Name: \_\_\_\_\_

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

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

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

Name: \_\_\_\_\_

### Sudoku Sums of 14

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 14.

Here is an example of a sudoku sum of 14:

8	6
---	---

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

Write as a decimal.  
 One hundred twenty-two thousandths

Write as a decimal.  
 $16 \frac{81}{100}$

Write as a decimal.  
 Five tenths

Name: \_\_\_\_\_

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

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

The perimeter of a rectangle is 20 cm. The longer side is 6 cm. How long is the shorter side?

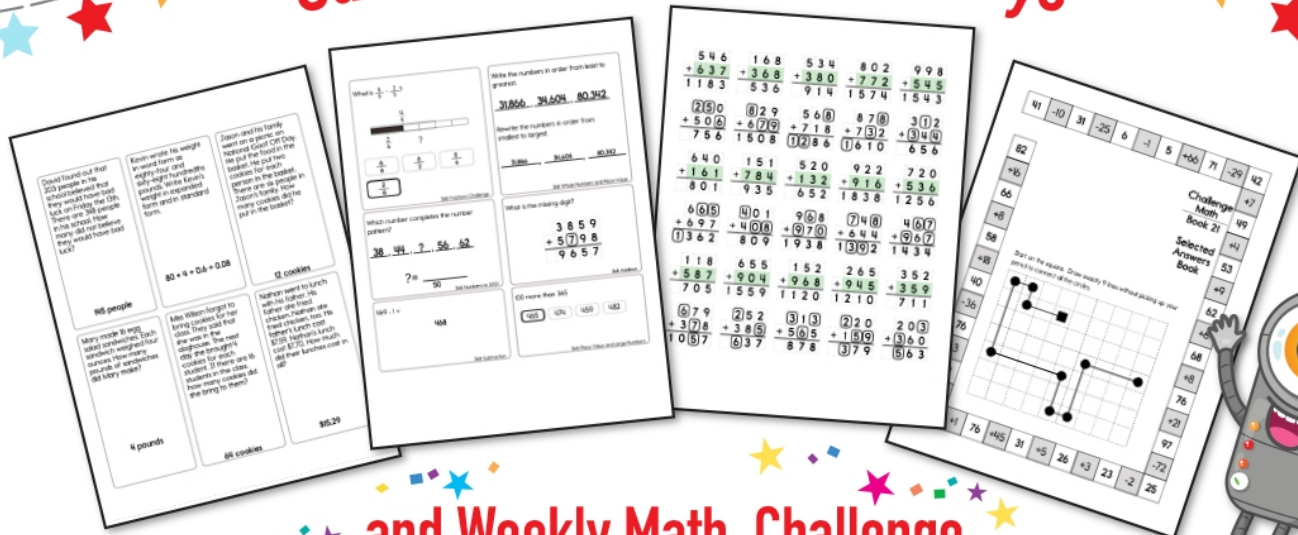
How many centimeters in 640.5 meters?

90, 95, 100, 105, \_\_\_\_\_,  
115, 120

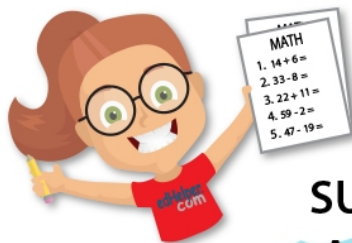
Choose the word that best completes the sentence.  
(Their/They're) coming over for lunch tomorrow.

Write a synonym for this word.  
document

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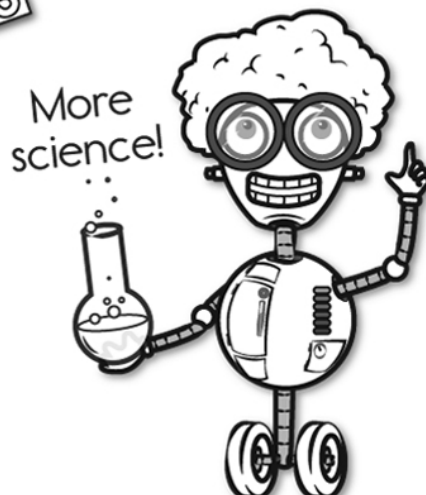
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x  
+ =  
- ÷  
< >

More puzzles!





