Name: _____

Only use a pencil to write the numbers on the blank lines. You do not need any scrap paper! Solve it in your head. If you forget a number, then start over. Cool, huh?

Mental Math

= Do it in your head!

A	B	C	D
imagine 3 in your head	imagine 7 in your head	imagine 2 in your head	imagine 5 in your head
multiply 10	subtract 2	add 1	multiply 7
double it	subtract 3	multiply 3	subtract 9
	multiply 11	multiply 8	double it
	subtract 6		subtract 7
Write the tens digit.	Add the tens digit to the ones digit. Write the sum.	Write the even digit in your answer.	Write the tens digit.
____	____	____	____

What is the sum?

A + B + C + D

____ ____

Wow! Great job! That's the answer, but do you know how to SPELL the number?

____ ____ ____ **e** ____ ____ **e** ____

4 after 18 _____	7 before 17 _____	9 before 19 _____
6 after 19 _____	8 before 15 _____	5 before 11 _____
5 after 16 _____	3 before 13 _____	1 before 16 _____
2 after 14 _____	6 before 14 _____	2 before 18 _____

Name: _____

Find the product of 9 and 4.

How many total legs are on 14 ants?

What is 14 less than 1,499?

10 x ___ = 90 = ___ x 30

9 x ___ = 90 = ___ x 6

3 x ___ = 30 = ___ x 2

5 x ___ = 45 = ___ x 3

10 x ___ = 40 = ___ x 8

Mary bought a stuffed animal at the school store. She paid with a $5 bill. She was given back 5 dimes and 2 quarters for change. How much was the stuffed animal?

27, 30, 35, 42, 51, 62,

75, 90, 107, _____, 147,

170

___ ÷ 9 = 7

A, E, I, _____, Q, U,

Y

Anne bought a pack of six waters. It cost $3.90. How much did each water cost?

Write the first 6 multiples of 7.

Draw a small clock that shows 5 minutes past 10:00.

Sarah gave out a survey. The answers she got back were 19, 14, 33, and 20. What is the range of these numbers?

Name: _____

Cross off the number that does NOT belong.

45, 47, 40, 63, 35, 79, 30, 95, 70, 25, 111, 20, 127, 15, 143

Why does _____ not belong in the pattern?

Cross off the number that does NOT belong.

47, 55, 63, 72, 81, 91, 99, 101, 112, 123, 135, 147, 160, 173, 187

Why does _____ not belong in the pattern?

Name: _____

Wendy bought a book by Walter de la Mare. She liked to read his poem "Silver." The book cost $5.92. She gave the clerk at the bookstore a $20 bill. How much change should she get?	Jacob did not believe in bad luck. He broke 13 mirrors. He walked under 13 ladders. He stepped on 13 cracks in the sidewalk. He let 13 black cats walk in front of him. On his way home from school he found 13 dimes. How many more dimes does he need to have $2.60 worth of dimes?	Emily is making prize bags for Weird Contest Week. She has 63 prizes. She is going to put an equal number in each of 12 bags. She wants to put as many prizes in each bag as she possibly can. After she has filled 7 bags, what fraction of the prizes does she have left?

How do you know if a number is divisible by 3? Use this trick.

19,559,853 _1_ + _9_ + _5_ + _5_ + _9_ + _8_ + _5_ + _3_ = ___ ___

___ + ___ = ___ Is that a multiple of 3? Circle if it is: 3 6 9 12 15

Circle one: 19,559,853 is divisible by three 19,559,853 is not divisible by three

906,636 ___ + ___ + ___ + ___ + ___ + ___ = ___ ___

___ + ___ = ___ Is that a multiple of 3? Circle if it is: 3 6 9 12 15

Circle one: 906,636 is divisible by three 906,636 is not divisible by three

What temperature is eight degrees below freezing in Celsius?

_____

$$\begin{array}{r} 34 \\ -\ 17 \\ \hline \end{array}$$

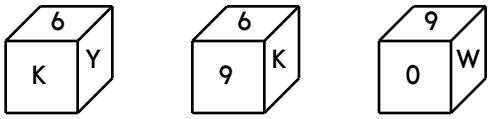
What number is one thousand more than 4,180?

_____

word root **ver** can mean **true** **verdict, verbatim**

Name: _____

This is the look at one cube that is turned around a few times.



This pattern can be folded into the cube. Fill in the missing boxes.

W	K		
	Y		
	9		

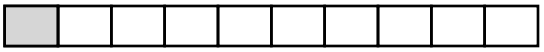
Write the number for five thousand six hundred one.

_____

$$\begin{array}{r} 6 \\ \times\ 6 \\ \hline \end{array}$$

$7\overline{)49}$ $8\overline{)72}$

Write the shaded part as a decimal.



_____

$$\begin{array}{r} 31 \\ -\ 21 \\ \hline \end{array}$$

What is a good estimate for 11 times 488?

_____

Complete each analogy with the best word.

swim noun feet

and is to conjunction as

table is to _____

gills is to breathe as

fins is to _____

whale is to flukes as

humans is to _____

What is the range of these numbers?

18, 27, 19, 21, 16, 15, 18

_____

List the first four multiples of 12.

_____ _____ _____ _____

Name: _____

Round the number to the place value of the BIG number.

21,254,248

_____

$$\begin{array}{r} 66 \\ +\ 59 \\ \hline \end{array}$$

Hunter's birthday is in November. Amy's birthday is two months after Hunter's birthday. What month is Amy's birthday?

_____

If you add 8 to me, the sum is 77. What number am I?

_____

$$\begin{array}{r} 85 \\ -\ 28 \\ \hline \end{array}$$

Would you use a ruler or a yardstick to measure the length of a door?

_____

Write this number using words.

Round to the nearest ten.

7,758 is rounded to _____

2,584 is rounded to _____

5,896 is rounded to _____

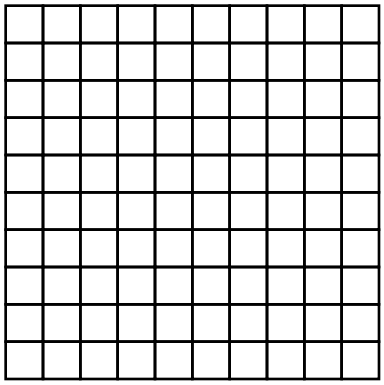
How many hours are in two days?

_____

Is 16 larger than 61?

_____

Color $\frac{9}{10}$.



Can you think of a five-letter word that has the vowel U in it?

_____

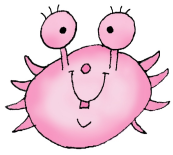
Fill in the missing fraction.

$\frac{4}{8}$, $\frac{5}{8}$, _____ , $\frac{7}{8}$

Do you use A.M. or P.M. to write 7:00 in the morning?

_____

$$\begin{array}{r} 85 \\ -\ 41 \\ \hline \end{array}$$



Name: _____

4,977 + 8,617	12,683 - 4,089	18,492 - 8,568	4,250 - 2,566
2,212 + 2,424	7,773 + 8,647	12,989 - 4,882	15,004 - 5,512
4,916 + 8,166	5,893 + 8,957	9,745 - 1,096	9,321 + 9,880
13,720 - 5,930	5,868 + 4,161	1,143 + 6,328	10,498 - 7,294
17,335 - 7,693	9,666 + 1,639	7,996 + 2,268	7,324 + 3,372
8,014 + 4,364	11,620 - 6,425	18,321 - 9,396	15,057 - 8,988
1,908 + 1,927	14,968 - 6,406	12,839 - 9,675	6,881 - 2,125

9
+ 5
= ☐

+ 8
= ☐

+ 2
= ☐

+ 8
= ☐

32
- ☐
= 24

24
- ☐
= 17

17
+ 8
= ☐

- 3
= 22

22
+ ☐
= 29

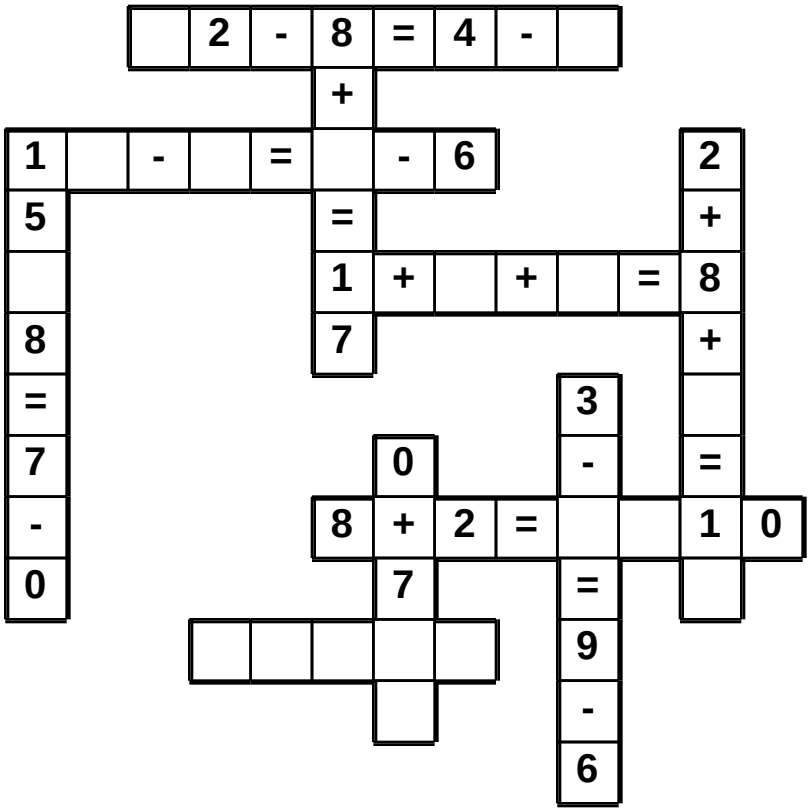
29
- ☐
= 23

23
+ ☐
= 26

Name: _____

1 • 0 • 0 • 7 • 9 • - • 5 • 2 • 4 • 0 • + • 4 • 4 • + • 2 • = 6 • 7

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



What is the value of the 1 in 16?

_____

$$\begin{array}{r} 16 \\ 11 \\ +\ 62 \\ \hline \end{array}$$

How many days are in August?

_____

If ☐ = 4, then ☐ + 9 = _____

Write 527 in expanded notation.

_____

Circle the answer that best completes the sentence.

I (may/might) grow up to be the president of the United States.

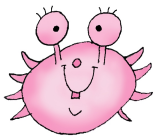
Circle the word that is a synonym for the word <u>frantic.</u>

calm, collected, happy, agitated

- ○ move
- ○ movi
- ○ mave
- ○ moov

Circle the answer that best completes the sentence.

(May/Can) you do 100 sit-ups?



Name: _____

71 - 15 = _____

$$\begin{array}{r} 864 \\ +\ 607 \\ \hline \square \end{array} \qquad \begin{array}{r} 733 \\ +\ 269 \\ \hline \square \end{array} \qquad \begin{array}{r} 827 \\ +\ 197 \\ \hline \square \end{array}$$

$$\begin{array}{r} 27 \\ -\ 8 \end{array} \qquad \begin{array}{r} 15 \\ -\ 5 \end{array} \qquad \begin{array}{r} 14 \\ -\ 8 \end{array}$$

734 - 174 = _____

15 - 2 = _____

Count by fours.

8 _____ _____ _____ _____

_____ _____ _____ _____ _____

_____ _____ _____ _____ _____

Continue the pattern.

13 15 17 19 21 _____ _____

_____ _____ _____ _____ _____

421 + 192 = _____

7,973 - 3,204 = _____

Order the fractions from greatest to least.

$\frac{4}{9}, \frac{5}{9}, \frac{8}{9}, \frac{6}{9}$ _____

$\frac{3}{4}, \frac{3}{4}, \frac{3}{4}, \frac{3}{4}$ _____

$\frac{2}{8}, \frac{2}{4}, \frac{3}{4}, \frac{3}{8}$ _____

$\frac{1}{5}, \frac{3}{5}, \frac{3}{5}, \frac{1}{5}$ _____

$\frac{2}{3}, \frac{8}{9}, \frac{1}{3}, \frac{5}{9}$ _____

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

Count the value of the coins.

10¢, 20¢, ____, ____, ____

___ dimes

1¢, ____, ____, ____, ____

___ pennies ___ dimes

23 19 58 13 ~~29~~ ~~45~~ 16 43 46 28 15 17

29 + 45 = 74

□ + 13 = □

35 + □ = □

30 + □ = □

□ + □ = 63

□ + □ = 35

Name: _____

$$\begin{array}{r} 5,117 \\ -\ 3,891 \\ \hline \square \end{array} \qquad \begin{array}{r} 7,956 \\ -\ 3,153 \\ \hline \square \end{array}$$

14 - 5 = _____

5 + _____ = 14

9 + 4 = _____

_____ - 4 = 9

16 + 83 = _____

$$\begin{array}{r} 32 \\ -\ 11 \\ \hline \square \end{array} \qquad \begin{array}{r} 11 \\ +\ \square \\ \hline 32 \end{array}$$

Count by ones. Fill in the missing numbers.

_____	261	_____
_____	69	_____
176	177	_____

108 ÷ 12 = _____

4 + 2 + 8 = _____

Can you win at bingo? Color in a circle red if it is on the bingo board. Then color in the square on the bingo board red. Cross off a circle if you do not see it on the bingo board.
Keep going until you win! Win by getting four across, down, or diagonal.

30 + 43

19 + 8

17 + 36

43 + 19

31 + 38

28 + 37

27 + 8

25 + 21

32 + 19

7 + 13

49 + 10

39 + 43

9 + 14

29 + 9

24 + 26

34 + 34

5 + 17

BINGO BOARD

69	71	36	61
87	62	55	41
22	59	20	16
68	50	46	38

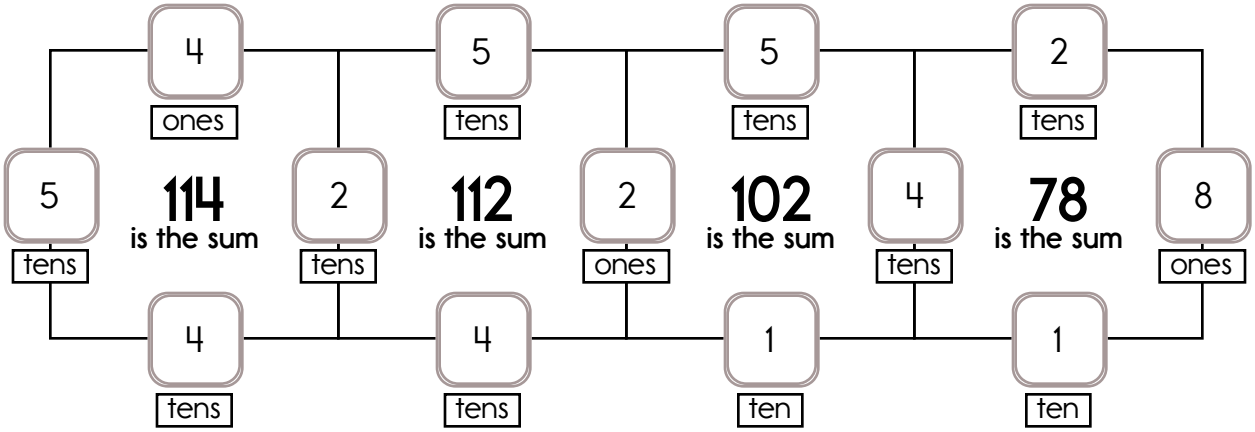
Name: _____

Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

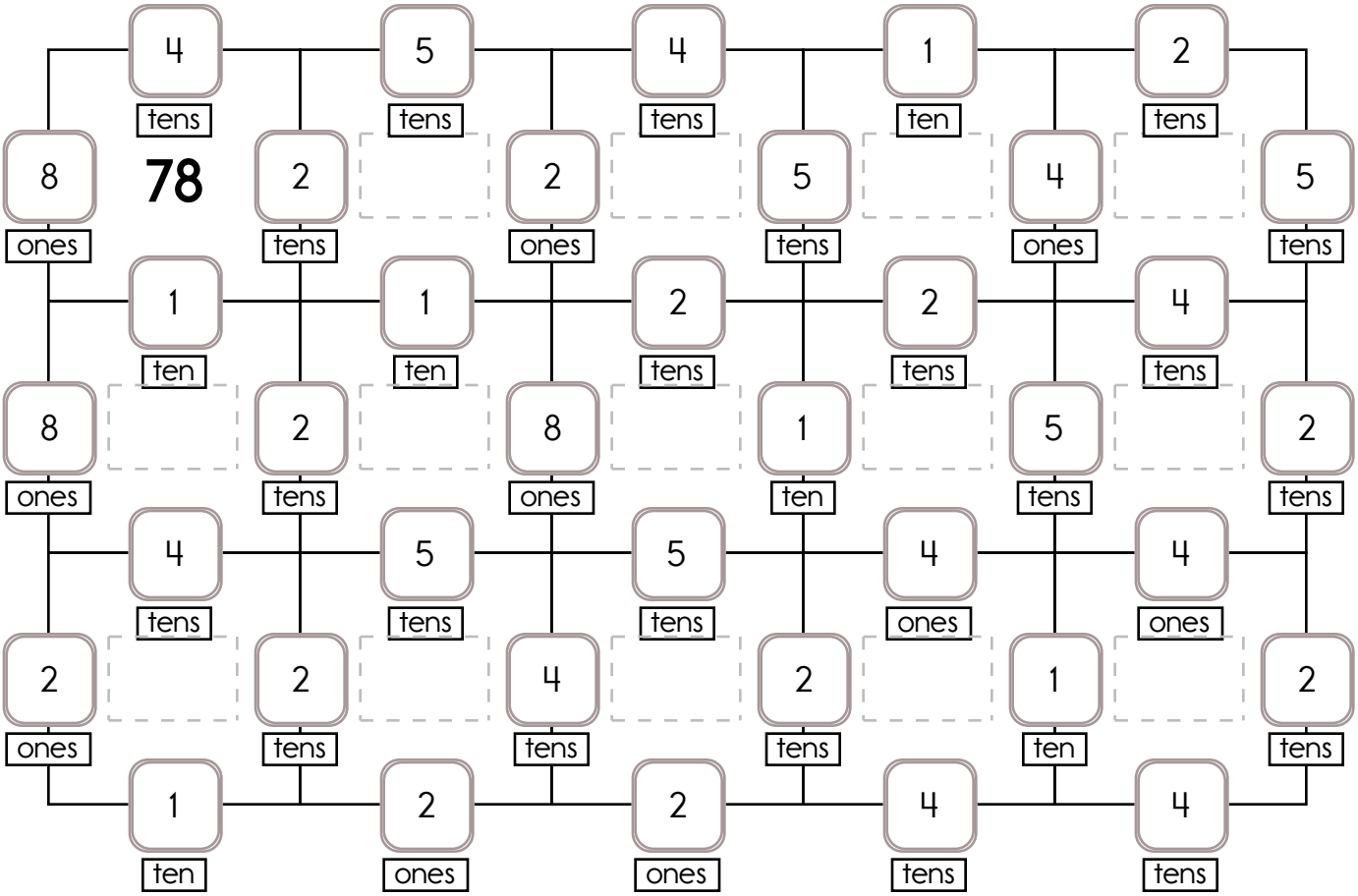
Example:

50 + 20 + 4 + 40 = 114

2 + 40 + 50 + 10 = 102



Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.



Circle the word that best completes the sentence.

I love to go (to/too) the library.

In each pair, circle the word that is spelled correctly.

include, includ

hopless, hopeless

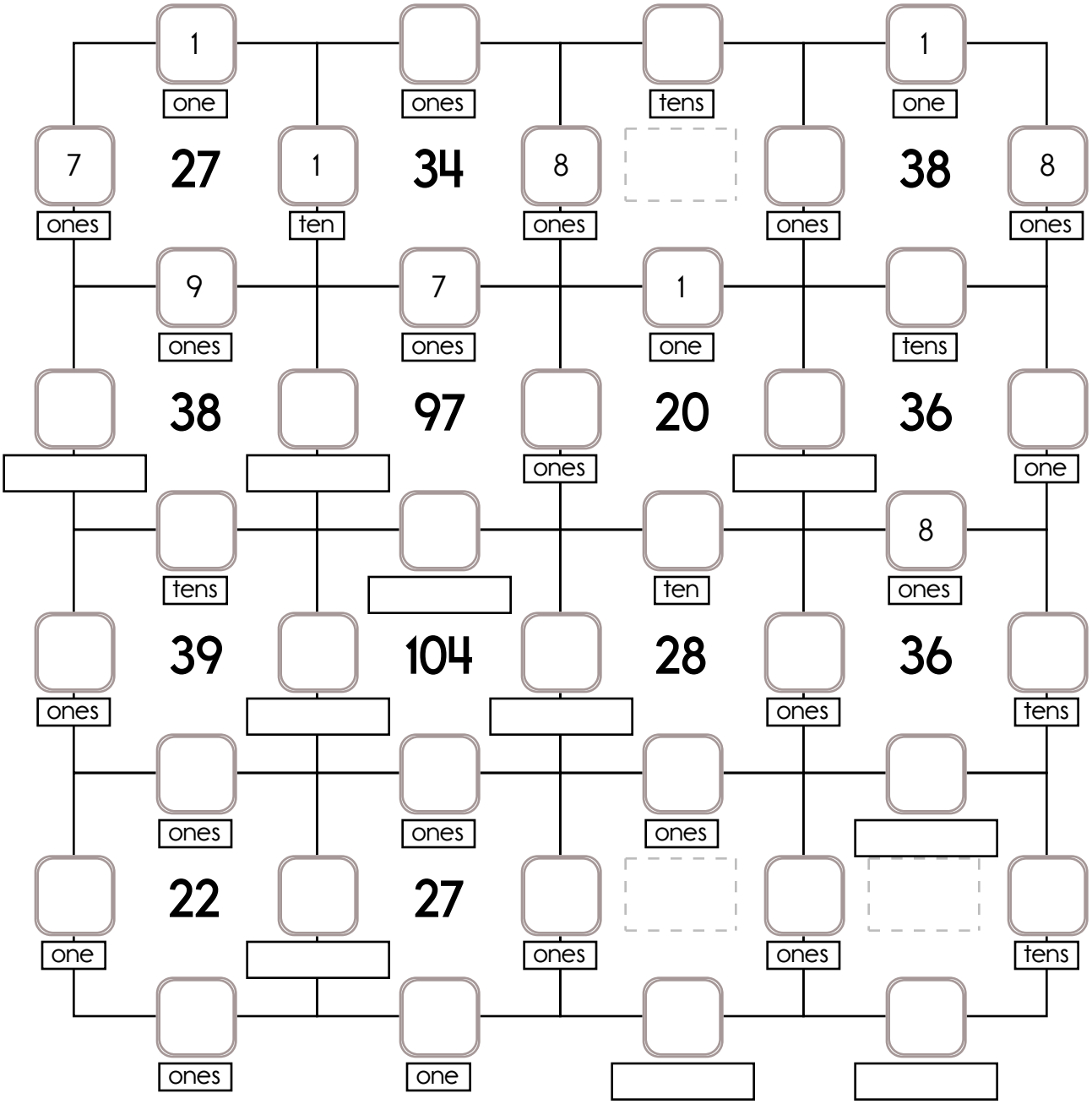
flock, flok

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: 1 ten, 8 tens, or 2 tens.

The other three numbers have to all be DIFFERENT and must be from these: 1 one, 8 ones, 9 ones, 2 ones, or 7 ones.



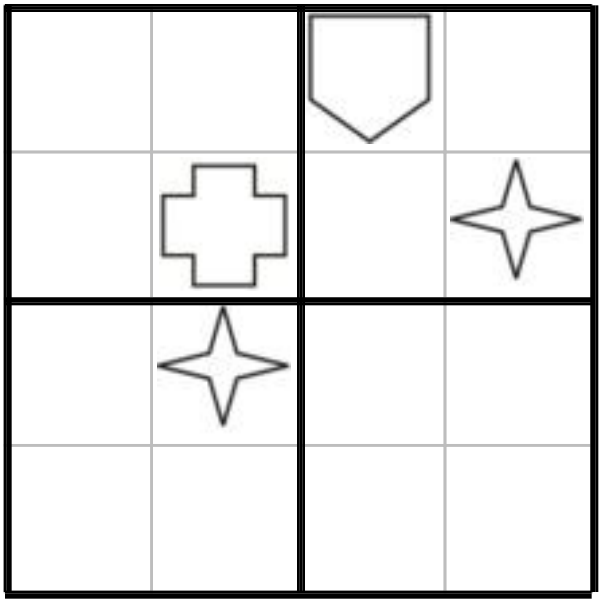
What is the meaning of the underlined phrase in the following sentence?
The play was for the birds. I wish I hadn't gone.

Name: _____

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

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

Each row, column, and box must have 4 different pictures.



Name: _____

Sudoku Sums of 10

Each row, column, and box must have the numbers 1 through 6.
Hint: Look for sudoku sums. The sum of the two boxes inside of the dashed lines is 10.

Here is an example of a sudoku sum of 10:

2	8

		3		2	
			4		
4		1			
6					2
				3	
			6		

Write as a decimal.
Nine tenths

Write as a decimal.

$4\frac{11}{100}$

Write as a decimal.

$\frac{4}{10}$

Hannah has $30. She wants to buy something that costs $96. How much more does she need?

8 - 4 + 11

A book has 4 pages. Each page has 10 dimes. How many dimes in the book?

Name: _____

Each row, column, and box must have the numbers 1 through 6.

	5		4		
3	4		6	2	
	3	2			
1				3	6

pillow • constant • return • athletic • occupy • distress

Each row, column, and box must have all the words from the word list. Write in the missing words.

distress		return			
			pillow		
occupy				athletic	
	athletic		distress		return
constant	distress				

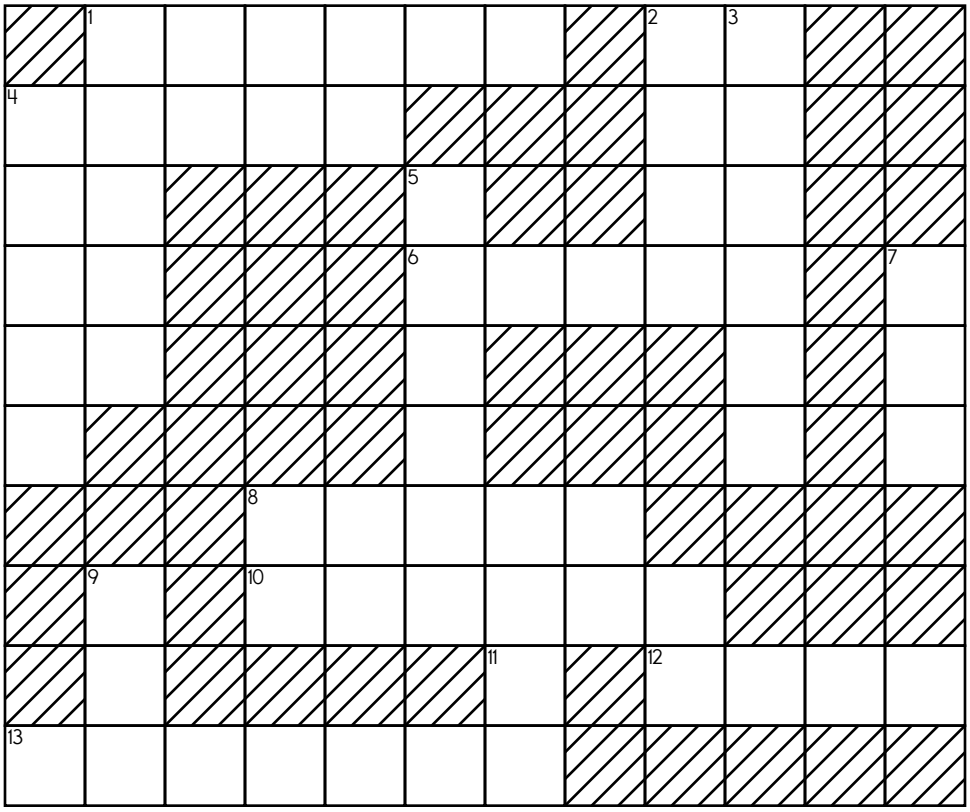
Name: _____

ACROSS

1. the hundred thousands in 3-Down + the hundreds in 5-Down + the tens in 7-Down + the ten thousands in 8-Across
4. the tens in 11-Down + the hundreds in 6-Across + the ten thousands in 5-Down + the ones in 7-Down
6. **seventy-one thousand, nine hundred two**
8. the hundreds in 9-Down + the ten thousands in 6-Across + the thousands in 3-Down + the tens in 11-Down
10. the ten thousands in 1-Across + the tens in 8-Across + the hundred thousands in 5-Down
12. the thousands in 2-Down + the hundreds in 7-Down + the ones in 6-Across + the tens in 11-Down
13. nine million, two hundred fifty-one thousand, six hundred thirty

DOWN

1. the ten thousands in 3-Down + the tens in 8-Across + the hundreds in 9-Down
2. the thousands in 3-Down + the hundreds in 9-Down + the tens in 1-Down
3. four hundred forty-three thousand, two hundred thirty-five
4. the tens in 10-Across + the ten thousands in 5-Down + the hundreds in 7-Down + the ones in 9-Down
5. the ten thousands in 8-Across + the tens in 11-Down + the hundred thousands in 3-Down + the hundreds in 6-Across
7. the hundreds in 5-Down + the tens in 3-Down + the ones in 9-Down
9. the hundreds in 3-Down + the ones in 6-Across + the tens in 11-Down
11. 6 + 14



Where can I get more of this great stuff?
More math!
More spelling!
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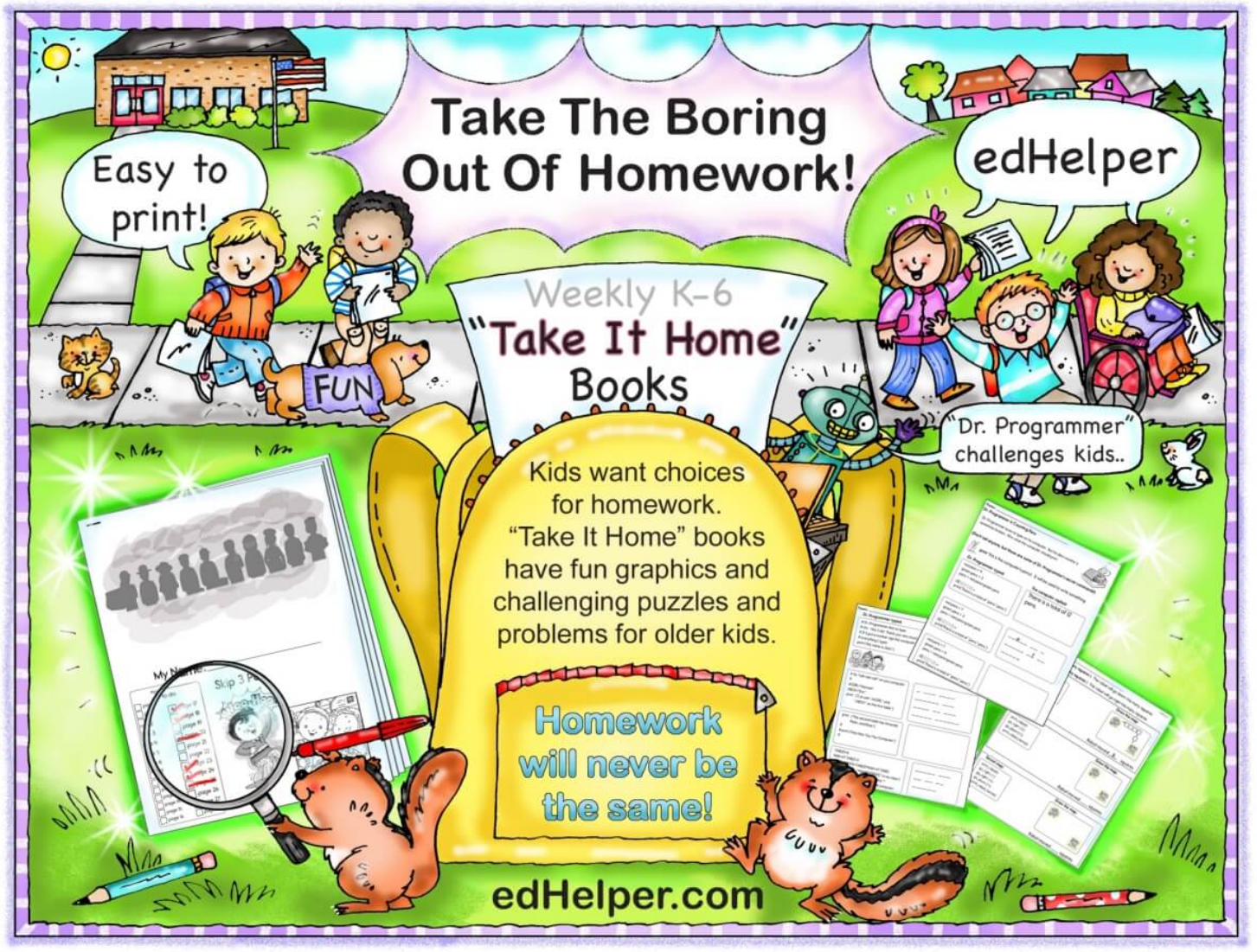
More history!
CLASS RULES
edHelper.com!
New online math games!
More things for the classroom!
More science!
New ideas!
More puzzles!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