

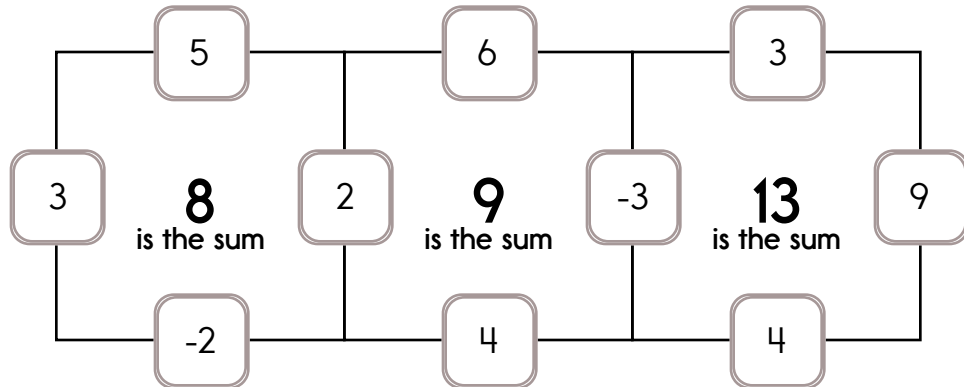
Example:

$$3 + 2 + 5 - 2 = 8$$

Example:

$$9 + 3 + 4 - 3 = 13$$

## Sample:



A 4x4 grid logic puzzle. The grid contains numbers and clues. The clues are as follows:

- Row 1: Clue "less than 9" between columns 2 and 3.
- Row 2: Clue "odd" between columns 3 and 4.
- Row 3: Clue "greater than 1" between columns 2 and 3.
- Row 4: Clue "even" between columns 1 and 2.
- Row 5: Clue "either 4 or 8" between columns 4 and 5.
- Row 6: Clue "odd" between columns 2 and 3.
- Row 7: Clue "less than -1" between columns 3 and 4.
- Row 8: Clue "either -3 or -1" between columns 4 and 5.
- Row 9: Clue "greater than 4" between columns 1 and 2.
- Row 10: Clue "either 2 or 8" between columns 2 and 3.
- Row 11: Clue "greater than -3" between columns 3 and 4.
- Row 12: Clue "odd" between columns 4 and 5.

The grid contains the following numbers:

- Row 1: -1, 7, 6
- Row 2: 5, 9, 2, 11, -3, 13, 1
- Row 3: 3, 7, 18, 8, 20
- Row 4: 13, 18, 11
- Row 5: 6, 2

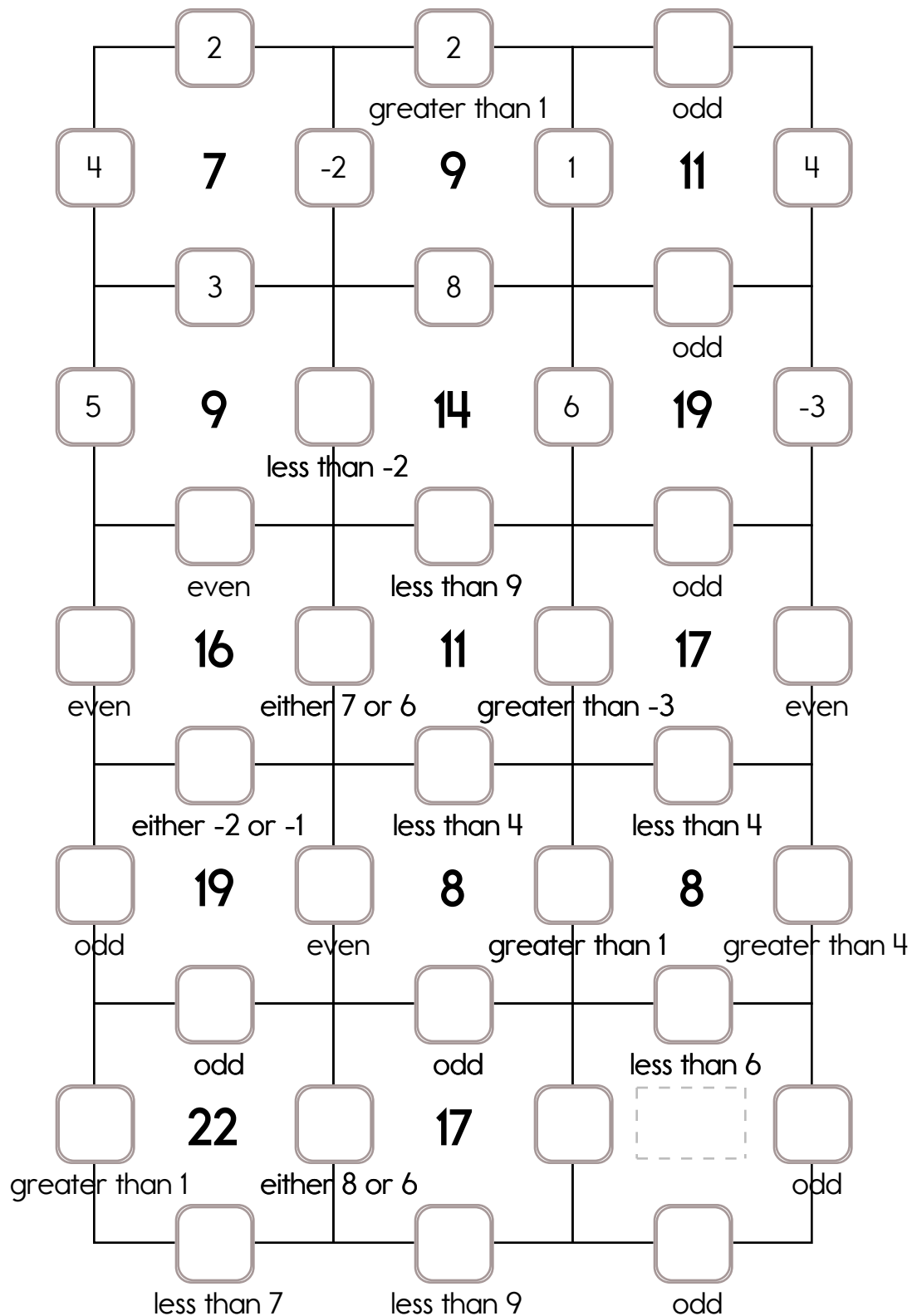
The grid also contains several empty cells, some of which are highlighted with dashed borders.

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, -2, or -3.

The other three numbers have to all be DIFFERENT and must be from these: 1, 2, 3, 4, 5, 6, 7, 8, or 9.



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

Anne bought 3 yards of fabric. She made a new dress for the first day of school. She had 1.25 yards of fabric left. How much fabric did she use for her dress?

Amanda made 30 cupcakes. She gave 16 to her mother, but got 6 from her grandmother. How many cupcakes does Amanda have now?

Guess what you have to do on the Name that Number app? You guessed it! You name the correct number. For 50 gold stars, here is the clue. The number rounded to the nearest 10 is 170. The ones digit is 1. Quick! If you can write the answer in 30 seconds you get 15 bonus gold stars!

Justin's favorite player is number 60 - 23. "What's your favorite player?" Justin asks David. "My favorite player's jersey has a number that is 6 more than your favorite player," David replies.

What number is on the jersey of Justin and David's favorite players?

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

Draw a line from START to END.

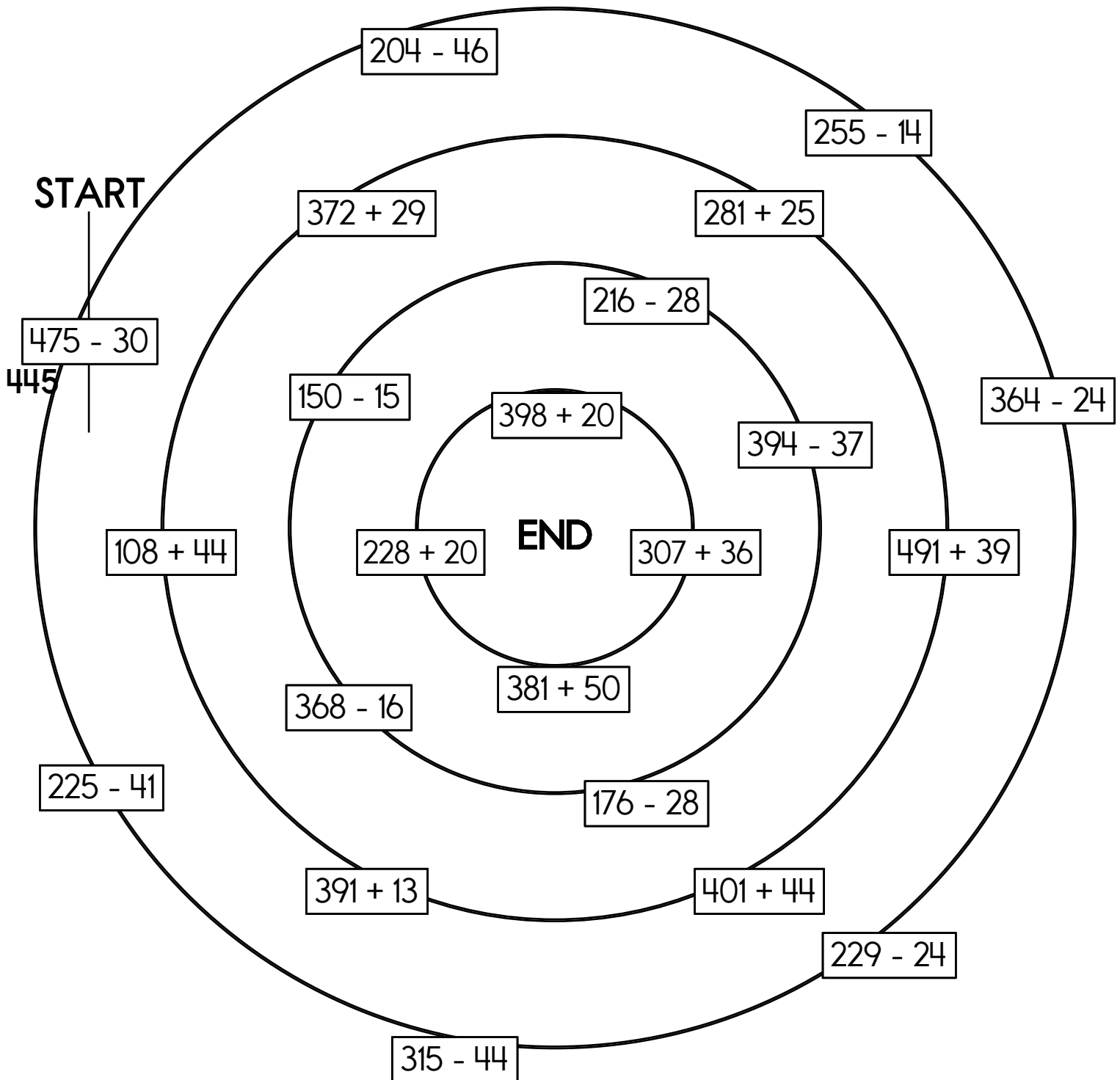
401

188

~~445~~

343

Cross out the number you use above and then write it below.



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

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

17, 34, \_\_\_\_\_, \_\_\_\_\_, 85, 102, 119, 136

\_\_\_\_\_, \_\_\_\_\_, 136, 153, 170, 187, \_\_\_\_\_, \_\_\_\_\_, 238

\_\_\_\_\_, 170, 187, \_\_\_\_\_, 221, 238

What is the rule for each pattern?

9, 9, 22, 11, 35, 13, 48, 15, 61, 17, 74, \_\_\_\_\_, \_\_\_\_\_, 21

3, 3, 15, 14, 27, 25, 39, 36, 51, 47, 63, \_\_\_\_\_, \_\_\_\_\_, 69

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

Rose bought a bottle of ranch dressing. It cost \$3.78. She gave the clerk \$5. How much change did she get?

Tim broke his toy truck. He needs 87 cents to buy new wheels for it. He has five dimes and two nickels. How much more money does he need?

Amy bought five red caps. She gave four red caps to her brothers. Amy's brothers will put the caps on their cats. What fraction of the caps is left?

Fill in the boxes so each line equals 10.

10

$$\boxed{\phantom{00}} - \boxed{7}$$

$$\boxed{\phantom{00}} \times \boxed{2}$$

$$\boxed{\phantom{00}} \div \boxed{8}$$

$$(\boxed{8} + \boxed{\phantom{00}}) + \boxed{\phantom{00}}$$

You ask Jessica for the time. She says in eleven minutes it will be three. Write the time on your digital clock:

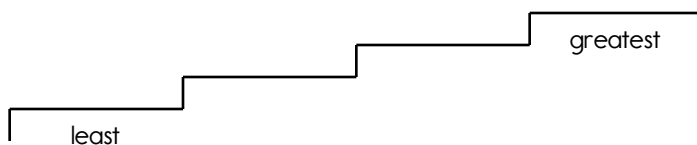


What month comes before April?

\_\_\_\_\_

351                  363                  330                  362

Write the numbers in order from least to greatest.



The candy company made 237 different kinds of candy. What is the value of the digit 3 in the number 237?

Explain what is meant by the underlined phrase.

In the week before school, I am as busy as a beaver.

$$\begin{array}{r} 94 \\ - 80 \\ \hline \end{array}$$

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

Fill in the numbers.

	77
	87

	96

25	

	58

44	

23

51	
----	--

77

	84
--	----

83	
----	--

Fill in the boxes so each line equals 13.

13		
	÷	7
1	×	
	-	1
( 18 - )	+	

Eric spent 23 minutes watching television. Then he practiced his Citizenship Day speech for 15 minutes. Now it is 4:46 p.m. At what time did Eric start watching television?

$$6 + \square = 14$$

$$14 + 9 = \underline{\hspace{2cm}}$$

$$87 - 8 = \underline{\hspace{2cm}}$$

$$\begin{array}{r} 83 \\ + 86 \\ \hline \end{array}$$

$$14 + \square = 20$$

$$7 + \square = 16$$

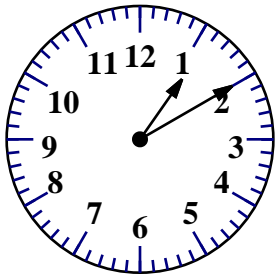
$$49 - 3 = \underline{\hspace{2cm}}$$

Expand the number.

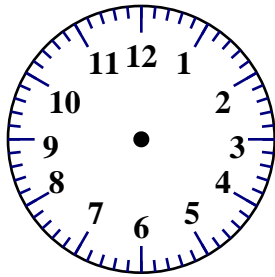
$$3,259 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{\hspace{1cm}} + \underline{9}$$

$$36 - 7 = \underline{\hspace{2cm}}$$

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



current time



25 minutes later

☐ helpful

☐ hepful

☐ helpul

☐ helful

Write a word to describe July.

\_\_\_\_\_

Write the final part of each math analogy.

four + twelve : 16 :: eleven + three :

Explain why you think your answer is correct.

1,968 : 2,000 :: 9,879 :

Explain why you think your answer is correct.

Erin wants a pink Thneed.  
A pink Thneed costs \$15  
because pink Truffula  
trees are rare now. She  
has \$10.39. How much  
more money does she  
need to buy a pink  
Thneed?

Expand the number.

4,258 = \_\_\_\_\_ + \_\_\_\_\_ + 50 + \_\_\_\_\_

$$\begin{array}{r} 71 \\ - 32 \\ \hline \end{array}$$

60 - 8 = \_\_\_\_\_

13 +  = 16

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

\_\_\_\_\_

4 +  = 20

Write + or - in the circles.

6  6 = 2  2

1  13  6 = 3  1  6

word root **tact** can mean **touch**

**contact, intact, tactile**



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

$$\begin{array}{r} 1,310 \\ - 473 \\ \hline \end{array}$$

$$\begin{array}{r} 814 \\ + 969 \\ \hline \end{array}$$

$$\begin{array}{r} 142 \\ + 221 \\ \hline \end{array}$$

$$\begin{array}{r} 1,088 \\ - 629 \\ \hline \end{array}$$

$$\begin{array}{r} 1,480 \\ - 551 \\ \hline \end{array}$$

$$\begin{array}{r} 530 \\ + 741 \\ \hline \end{array}$$

$$\begin{array}{r} 1,111 \\ - 951 \\ \hline \end{array}$$

$$\begin{array}{r} 1,088 \\ - 376 \\ \hline \end{array}$$

$$\begin{array}{r} 176 \\ + 617 \\ \hline \end{array}$$

$$\begin{array}{r} 531 \\ + 936 \\ \hline \end{array}$$

$$\begin{array}{r} 1,455 \\ - 723 \\ \hline \end{array}$$

$$\begin{array}{r} 330 \\ + 446 \\ \hline \end{array}$$

$$\begin{array}{r} 608 \\ + 348 \\ \hline \end{array}$$

$$\begin{array}{r} 813 \\ + 907 \\ \hline \end{array}$$

$$\begin{array}{r} 827 \\ - 617 \\ \hline \end{array}$$

$$\begin{array}{r} 1,103 \\ - 295 \\ \hline \end{array}$$

$$\begin{array}{r} 602 \\ - 447 \\ \hline \end{array}$$

$$\begin{array}{r} 216 \\ + 138 \\ \hline \end{array}$$

$$\begin{array}{r} 954 \\ + 246 \\ \hline \end{array}$$

$$\begin{array}{r} 1,623 \\ - 626 \\ \hline \end{array}$$

$$\begin{array}{r} 426 \\ - 152 \\ \hline \end{array}$$

$$\begin{array}{r} 1,882 \\ - 900 \\ \hline \end{array}$$

$$\begin{array}{r} 709 \\ + 190 \\ \hline \end{array}$$

$$\begin{array}{r} 668 \\ + 476 \\ \hline \end{array}$$

$$\begin{array}{r} 875 \\ + 357 \\ \hline \end{array}$$

$$\begin{array}{r} 833 \\ - 656 \\ \hline \end{array}$$

$$\begin{array}{r} 701 \\ + 275 \\ \hline \end{array}$$

$$\begin{array}{r} 610 \\ - 333 \\ \hline \end{array}$$

$$\begin{array}{r} 1,181 \\ - 938 \\ \hline \end{array}$$

$$\begin{array}{r} 171 \\ + 898 \\ \hline \end{array}$$

$$\begin{array}{r} 801 \\ + 474 \\ \hline \end{array}$$

$$\begin{array}{r} 1,333 \\ - 829 \\ \hline \end{array}$$

$$\begin{array}{r} 938 \\ + 533 \\ \hline \end{array}$$

$$\begin{array}{r} 953 \\ + 728 \\ \hline \end{array}$$

$$\begin{array}{r} 1,013 \\ - 644 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ + 6 \\ \hline \square \end{array}$$

$$\begin{array}{r} + 4 \\ \hline \square \\ + 9 \\ \hline \end{array}$$

$$\begin{array}{r} 26 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 24 \\ + 9 \\ \hline \square \\ + 5 \\ \hline \end{array}$$

$$\begin{array}{r} 38 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 29 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 35 \\ - \square \\ \hline \end{array}$$

$$\begin{array}{r} 27 \\ + \square \\ \hline \end{array}$$

$$\begin{array}{r} 32 \\ - 9 \\ \hline \square \end{array}$$

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

73	74

71	72	

75	76

18	19	

34	35	

66	67

52	53	

77	78

79	80

26	27	

19	20

51	52

8	9	

62	63	

16	17

64	65

57	58

3	4	

12	13	

34	35

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

Find 2 equations hidden in each box. Good luck!

$8 + 3$

$1 + 5$

$10$

$5 + 8$

$8 - 8$

$14$   
 $7 + 0$

$13$

$8$

$8 + 7$

$16$

$0$

Write 2 equations: \_\_\_\_\_

$0 + 1$

$12$

$2$

$1 + 9$

$13$

$7$

$9 + 5$

$9 + 2$

$8 - 4$

$7 - 2$

$1$

$9 - 2$

Write 2 equations: \_\_\_\_\_

$1$

$18$

$15$

$5 + 9$

$5$

$9 + 9$

$16$

$8 + 5$

$0$

$3 - 2$

$8 - 2$

$17$

$4$

Write 2 equations: \_\_\_\_\_

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

Find 2 equations hidden in each box. Good luck!

$4 + 8$   
 $9 + 7$   
 $1 + 1$   
 $8 - 0$   
 $14$   
 $5$   
 $12$   
 $5 + 2$   
 $10$   
 $3$   
 $0$   
 $17$   
 $1 + 4$

Write 2 equations: \_\_\_\_\_

$10$   
 $2 + 1$   
 $5 + 6$   
 $9$   
 $0 + 8$   
 $4 + 8$   
 $14$   
 $8$   
 $8 - 8$   
 $3$   
 $17$   
 $8 + 8$   
 $6 - 5$

Write 2 equations: \_\_\_\_\_

$1$   
 $9$   
 $3 - 0$   
 $7 - 2$   
 $8 + 5$   
 $6$   
 $9 - 1$   
 $2 - 1$   
 $7$   
 $4$   
 $3 + 1$   
 $6 + 9$   
 $14$

Write 2 equations: \_\_\_\_\_

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

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

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

Write the words found.

<u>EARTH</u> _____	<u>LOBBIES</u> _____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

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

Write the words found.

<u>SIXTEEN</u> _____	<u>BED</u> _____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

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

o b r o o k s d o p g a o d l r o  
b g h e b a g e p a i n t o d d m  
i b s d p a d i d t h o t s m r a  
b l a u g h t l m e n d t b n y e  
n d f l a s h z d a h b o e d o b  
a r l e o g a t e r c c c s e i f  
a l t h o u g h b d o e h a k z b  
g a r d e n d i a p o b e d t r s  
i b r k d o c t o r k n d a d h i  
k s a i s d d i m e s d o b u s x  
r s a x m e r o o m l o a f c o t  
m h e p l o b b i e s r d t e e e  
o t e a r t h o t n p b e d a d e  
h b r o o k s p a r k m b o x s n

How many of the words can you find from the previous page?

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

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

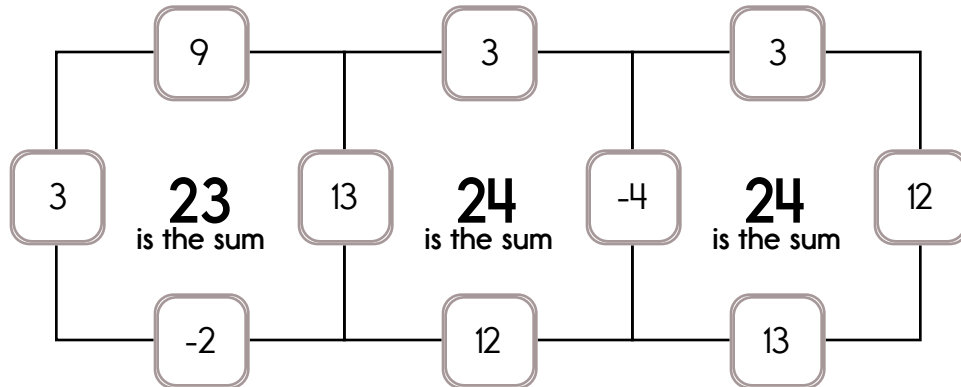
Example:

$$3 + 13 + 9 - 2 = 23$$

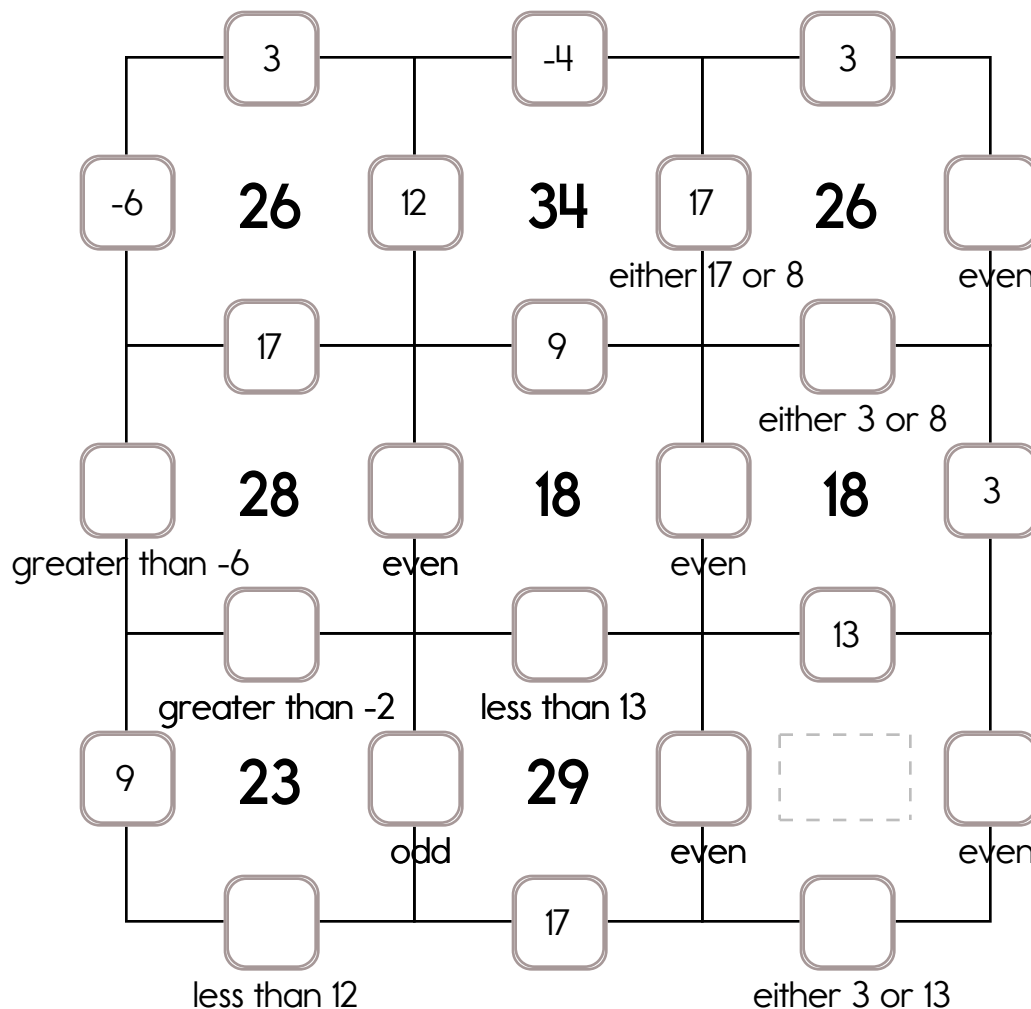
Example:

$$12 + 3 + 13 - 4 = 24$$

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: -2, -4, or -6. The other three numbers have to all be DIFFERENT and must be from these: 9, 8, 17, 13, 12, or 3.

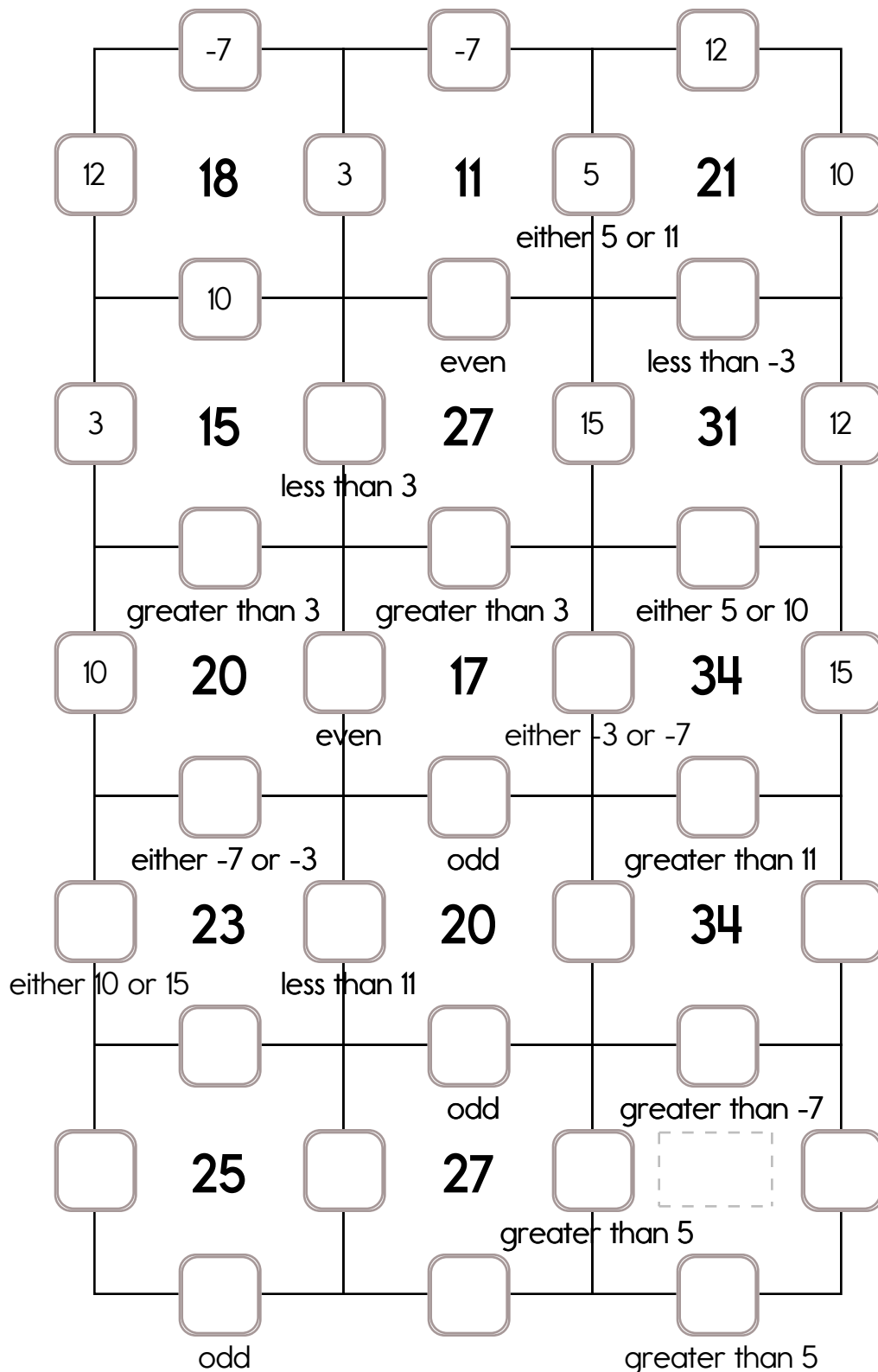


Name: \_\_\_\_\_

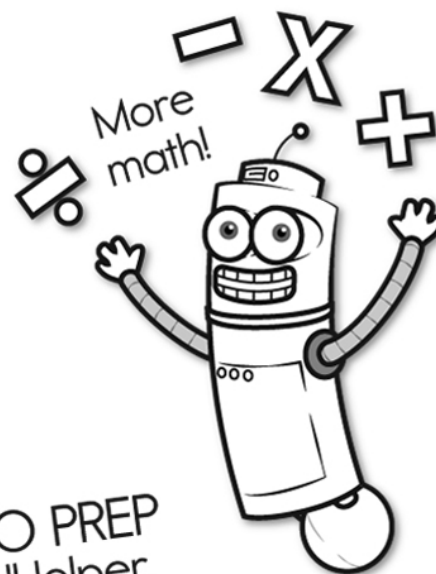
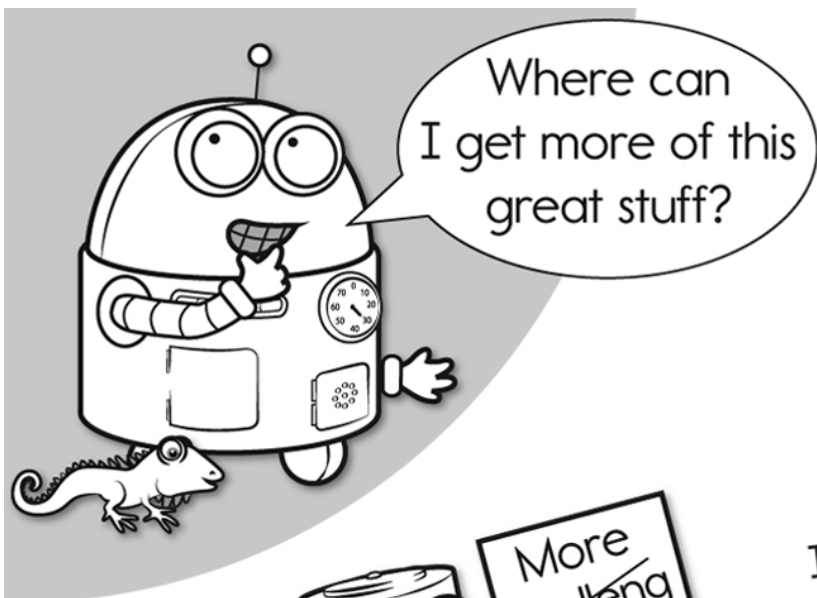
Fill in the missing numbers. How? The sum of the four surrounding numbers is in the center of each square.

Exactly one of the four numbers has to be one of these numbers: -7, -3, or -6.

The other three numbers have to all be DIFFERENT and must be from these: 5, 10, 3, 11, 15, or 12.





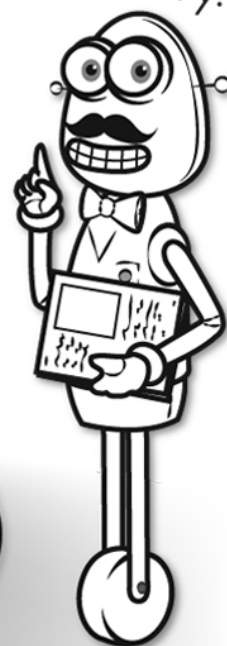


It's NO PREP at edHelper.

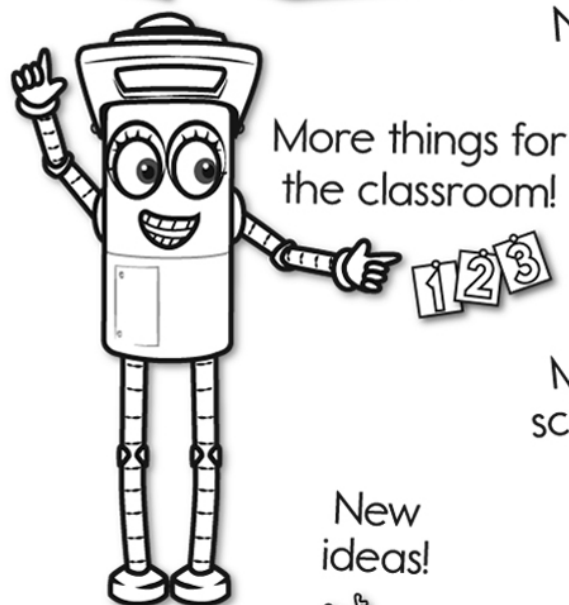
More history!



# edHelper.com!



New online math games!



New ideas!



More science!



More puzzles!

