

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

Find 2 equations hidden in each box. Good luck!

$9 + 3$

$12$

$6$

$1 + 9$

$13$

$4 + 2$

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

$1$

$4 - 3$

$6$

$8$

$4$

$5 - 2$

$7 - 1$

$7$

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

$1 + 1$

$4 + 8$

$2 + 9$

$17$

$7 + 8$

$7 + 1$

$8$

$5$

$11$

$4$

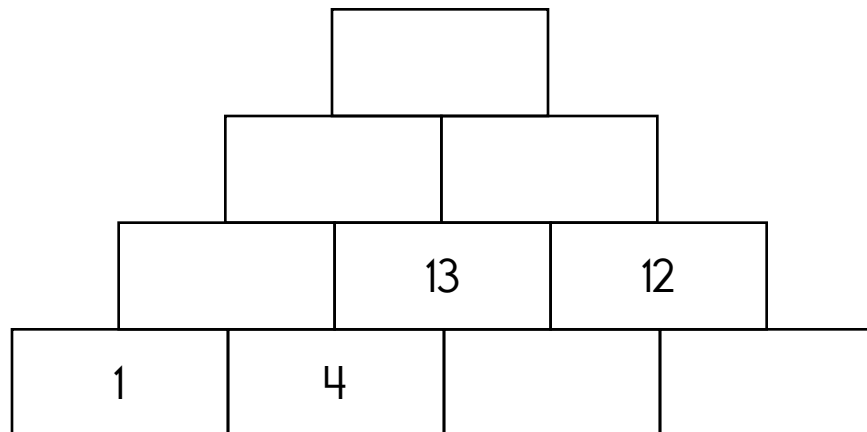
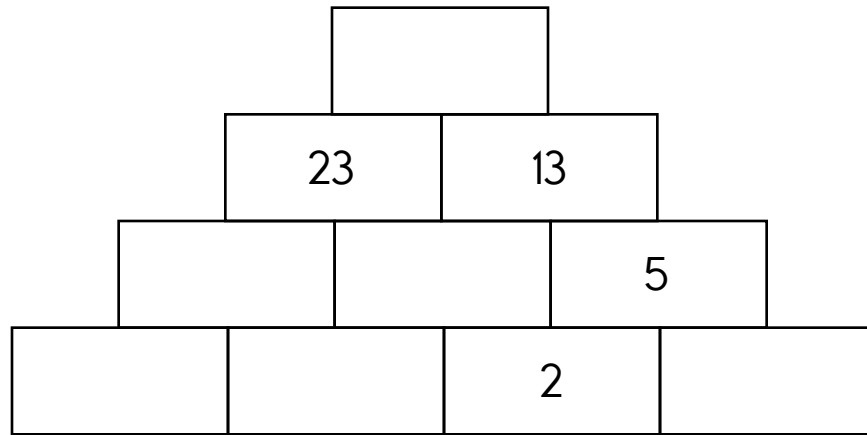
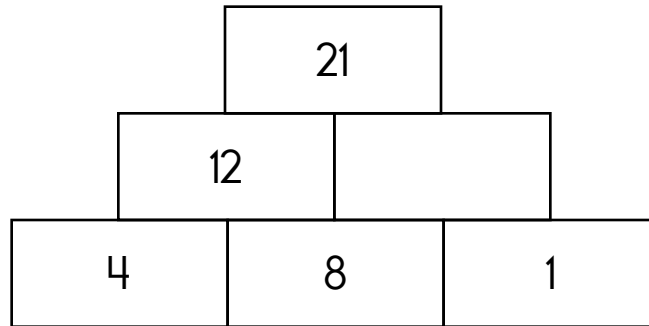
$10$

$9 + 9$

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

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

The block above is the sum of the two blocks below. Fill in the missing blocks.



Round each number to the nearest tens. Add or subtract to get an estimate of the answer.

79	→	20
- 24	→	80
		100

97	→	
+ 51	→	

14	→	
+ 37	→	

word root **uni** can mean **one**      **unicycle, unilateral**

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

$$\begin{array}{r} 845 \\ + 164 \\ \hline \end{array}$$

$$\begin{array}{r} 609 \\ + 685 \\ \hline \end{array}$$

$$\begin{array}{r} 231 \\ + 116 \\ \hline \end{array}$$

$$\begin{array}{r} 499 \\ + 364 \\ \hline \end{array}$$

$$\begin{array}{r} 478 \\ + 967 \\ \hline \end{array}$$

$$\begin{array}{r} 51\Box \\ + \Box 03 \\ \hline \Box 17 \end{array}$$

$$\begin{array}{r} 94\Box \\ + \Box\Box 9 \\ \hline 1640 \end{array}$$

$$\begin{array}{r} 929 \\ + \Box 3\Box \\ \hline 1\Box 64 \end{array}$$

$$\begin{array}{r} \Box 15 \\ + 8\Box\Box \\ \hline 1063 \end{array}$$

$$\begin{array}{r} 1\Box\Box \\ + 816 \\ \hline 932 \end{array}$$

$$\begin{array}{r} 495 \\ + 846 \\ \hline \end{array}$$

$$\begin{array}{r} 566 \\ + 203 \\ \hline \end{array}$$

$$\begin{array}{r} 703 \\ + 727 \\ \hline \end{array}$$

$$\begin{array}{r} 196 \\ + 897 \\ \hline \end{array}$$

$$\begin{array}{r} 551 \\ + 872 \\ \hline \end{array}$$

$$\begin{array}{r} 1\Box\Box \\ + \Box 97 \\ \hline 881 \end{array}$$

$$\begin{array}{r} 887 \\ + 9\Box 3 \\ \hline \Box 8\Box 0 \end{array}$$

$$\begin{array}{r} 4\Box 0 \\ + \Box 50 \\ \hline 11\Box 0 \end{array}$$

$$\begin{array}{r} 727 \\ + \Box 2\Box \\ \hline \Box 49 \end{array}$$

$$\begin{array}{r} \Box 17 \\ + 4\Box\Box \\ \hline 1198 \end{array}$$

$$\begin{array}{r} 772 \\ + 227 \\ \hline \end{array}$$

$$\begin{array}{r} 721 \\ + 218 \\ \hline \end{array}$$

$$\begin{array}{r} 452 \\ + 376 \\ \hline \end{array}$$

$$\begin{array}{r} 264 \\ + 704 \\ \hline \end{array}$$

$$\begin{array}{r} 791 \\ + 249 \\ \hline \end{array}$$

$$\begin{array}{r} 6\Box\Box \\ + \Box 35 \\ \hline 924 \end{array}$$

$$\begin{array}{r} 39\Box \\ + \Box 50 \\ \hline 1\Box 44 \end{array}$$

$$\begin{array}{r} 59\Box \\ + 785 \\ \hline \Box\Box 77 \end{array}$$

$$\begin{array}{r} 17\Box \\ + 5\Box 6 \\ \hline 706 \end{array}$$

$$\begin{array}{r} \Box\Box\Box \\ + 968 \\ \hline 1376 \end{array}$$

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

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

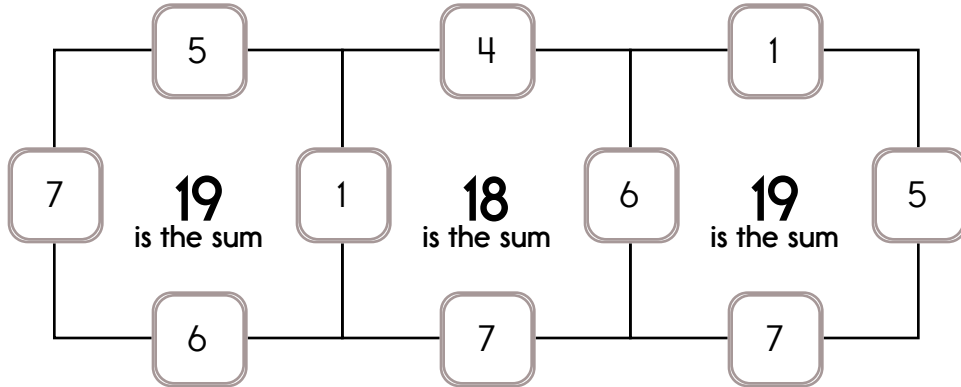
Example:

$$7 + 1 + 5 + 6 = 19$$

Example:

$$6 + 5 + 1 + 7 = 19$$

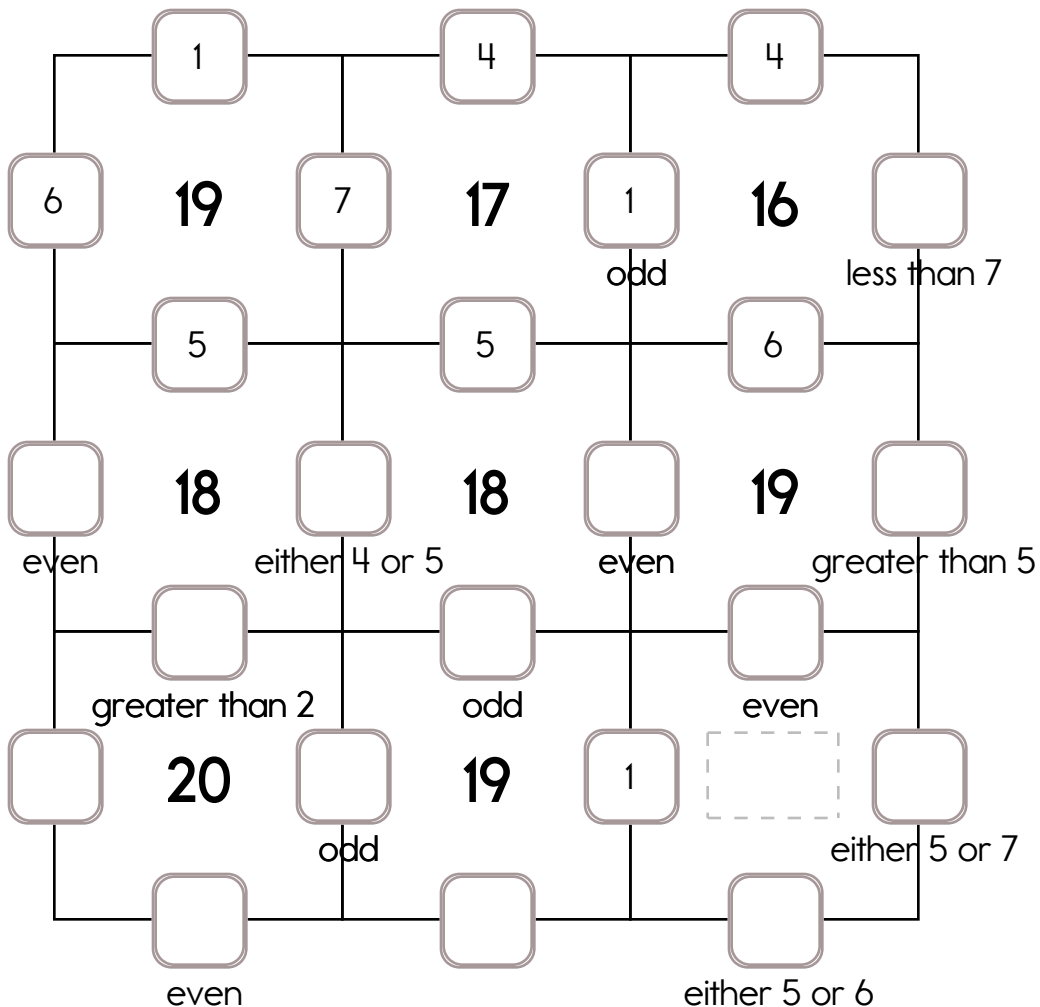
Sample:



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: 1, 2, or 3.

The other three numbers have to all be **DIFFERENT** and must be from these: 4, 5, 6, or 7.

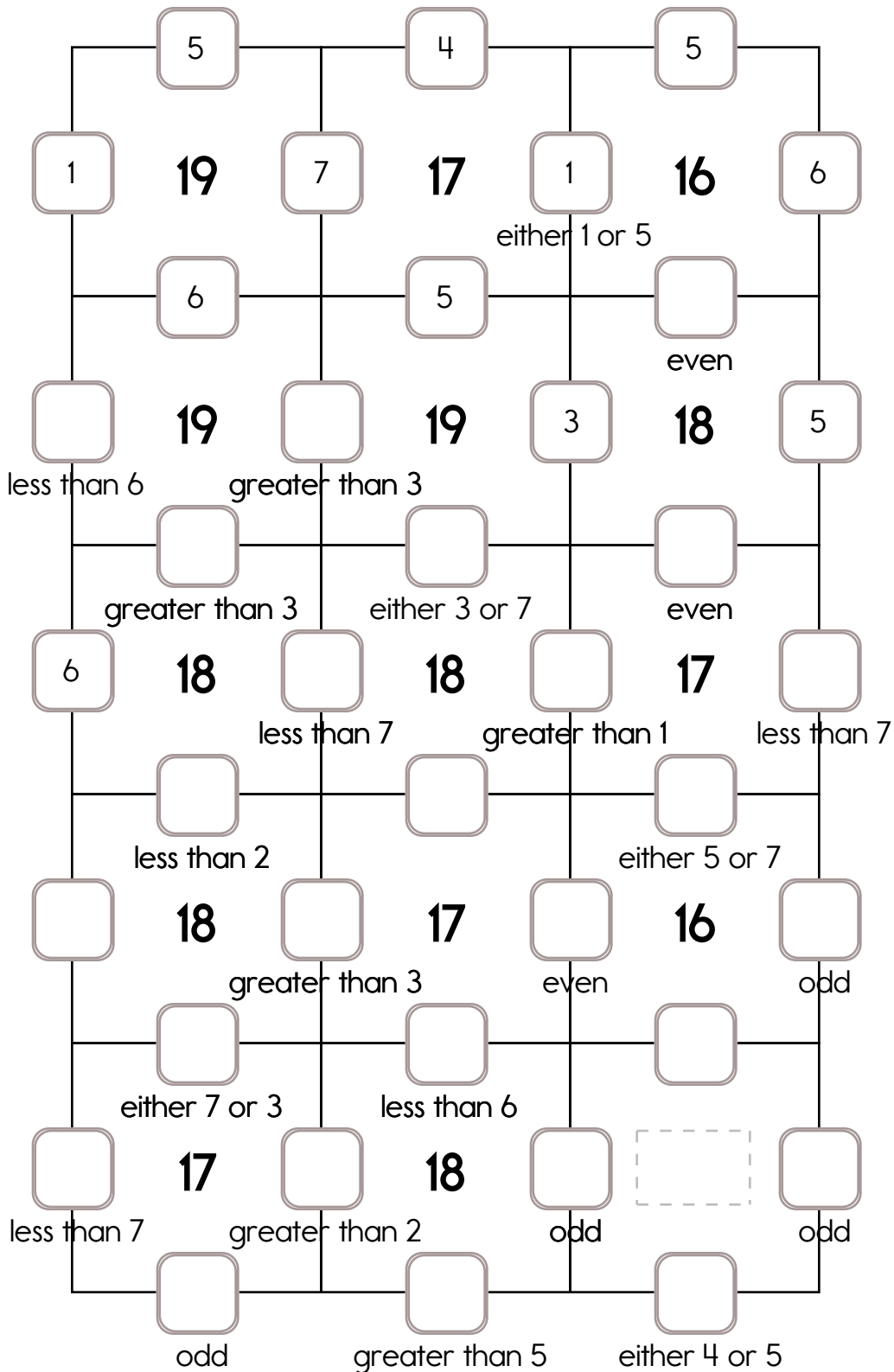


Name: \_\_\_\_\_

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: 4, 5, 6, or 7.



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

Puzzle:

		9
	9	17
16	10	+

Work Area:

		9
	9	17
16	10	+

The sum for each column  
and row is given.



= \_\_\_\_\_



= \_\_\_\_\_

nineteen plus seven equals

Amy loves reading. She read 2 books this month. She plans to read 9 more. How many books will she read this month?

$$16 = \underline{\quad} + 10$$

$$19 = \underline{\quad} + 10$$

B, \_\_\_\_\_, J, N, R, V, Z

Ava has 10 squishies. She has 4 red ones. The rest are yellow. How many squishies are yellow?

$$17 = \underline{\quad} + 10$$

	3	1
+		4
<hr/>		

Write these numbers in  
order from smallest to  
largest.

103, 70, 19, 20, 13

\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

247, \_\_\_\_\_, 273, 286, 299,  
312

A two-digit even number  
has a 7 in the tens place.  
The sum of the ones and  
tens digits is 9. What is the  
number?

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

1							
$\frac{1}{2}$				$\frac{1}{2}$			
$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$		$\frac{1}{3}$	
$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$	
$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$	$\frac{1}{6}$
$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$	$\frac{1}{8}$

Compare.

$\frac{1}{8}$ ○ $\frac{1}{3}$	$\frac{1}{2}$ ○ $\frac{1}{6}$	$\frac{1}{6}$ ○ $\frac{1}{4}$	$\frac{1}{4}$ ○ $\frac{1}{8}$
$\frac{1}{2}$ ○ $\frac{4}{8}$	$\frac{7}{8}$ ○ $\frac{2}{4}$	$\frac{2}{4}$ ○ $\frac{1}{2}$	$\frac{2}{8}$ ○ $\frac{1}{6}$
$\frac{5}{6}$ ○ $\frac{1}{3}$	$\frac{1}{3}$ ○ $\frac{1}{2}$	$\frac{1}{2}$ ○ $\frac{5}{6}$	$\frac{2}{8}$ ○ $\frac{2}{3}$
$\frac{3}{4}$ ○ $\frac{4}{8}$	$\frac{3}{6}$ ○ $\frac{2}{4}$	$\frac{1}{3}$ ○ $\frac{4}{6}$	$\frac{6}{8}$ ○ $\frac{4}{6}$
$\frac{4}{8}$ ○ $\frac{3}{6}$	$\frac{3}{6}$ ○ $\frac{1}{2}$	$\frac{1}{3}$ ○ $\frac{3}{4}$	$\frac{3}{4}$ ○ $\frac{6}{8}$
$\frac{1}{3}$ ○ $\frac{2}{8}$	$\frac{2}{3}$ ○ $\frac{4}{6}$	$\frac{2}{8}$ ○ $\frac{3}{6}$	$\frac{2}{6}$ ○ $\frac{1}{3}$

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

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

66, 86, \_\_\_\_\_, \_\_\_\_\_, 146, 166, 186

38, \_\_\_\_\_, \_\_\_\_\_, 98, \_\_\_\_\_, 138

58, 78, \_\_\_\_\_, \_\_\_\_\_, 138, \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_, 63, 83, \_\_\_\_\_, \_\_\_\_\_, 143, 163

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

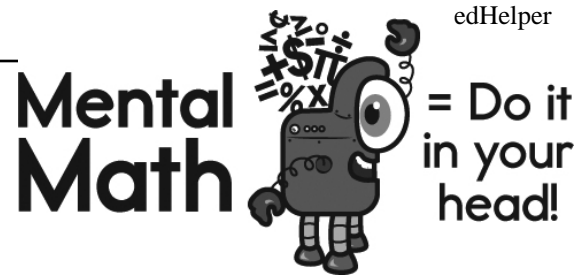
\_\_\_\_\_, \_\_\_\_\_, 80, 75, 70, 65

50, \_\_\_\_\_, \_\_\_\_\_, 35, 30, 25, 20, \_\_\_\_\_, \_\_\_\_\_



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?



imagine 3 in your head

add 9

Write the number.

\_\_\_\_\_  
A      B

imagine 9 in your head

add 1

double it

Write the number.

\_\_\_\_\_  
C      D

imagine 7 in your head

double it

subtract 2

Write the number.

\_\_\_\_\_  
E      F

imagine 5 in your head

add 7

double it

subtract 4

Write the number.

\_\_\_\_\_  
G      H

What is the sum?

$A + B + C + D + E + F + G + H$

\_\_\_\_\_

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

\_\_\_\_\_n\_\_\_\_\_

3 after 18 \_\_\_\_\_

9 before 11 \_\_\_\_\_

7 after 16 \_\_\_\_\_

6 after 19 \_\_\_\_\_

4 before 17 \_\_\_\_\_

9 after 11 \_\_\_\_\_

1 after 14 \_\_\_\_\_

2 before 18 \_\_\_\_\_

8 after 13 \_\_\_\_\_

2 after 17 \_\_\_\_\_

7 before 12 \_\_\_\_\_

4 after 15 \_\_\_\_\_

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.

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

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

4 2 3 1

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

Hint - These numbers are missing:

3 2 2

	1	2	1
2	4	3	4
	1		1

Hint - These numbers are missing:

3 2 3

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

Fill in the missing numbers.

1	3		2
4		4	3
1	3		

Hint - These numbers are missing:

2 1 2 1

1			2
	3	4	
	1	2	1

Hint - These numbers are missing:

1 2 4 3 2

		2	4	1
2	4		3	
	3	2	4	

Hint - These numbers are missing:

1 1 3 1 1 2

1	4			1
	3		4	
1	4	2		1

Hint - These numbers are missing:

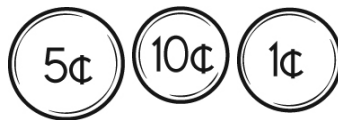
3 2 2 3 1 2

57, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 61,

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 65,

\_\_\_\_\_, 67, 68

How much is this?



	8
-	4
<hr/>	

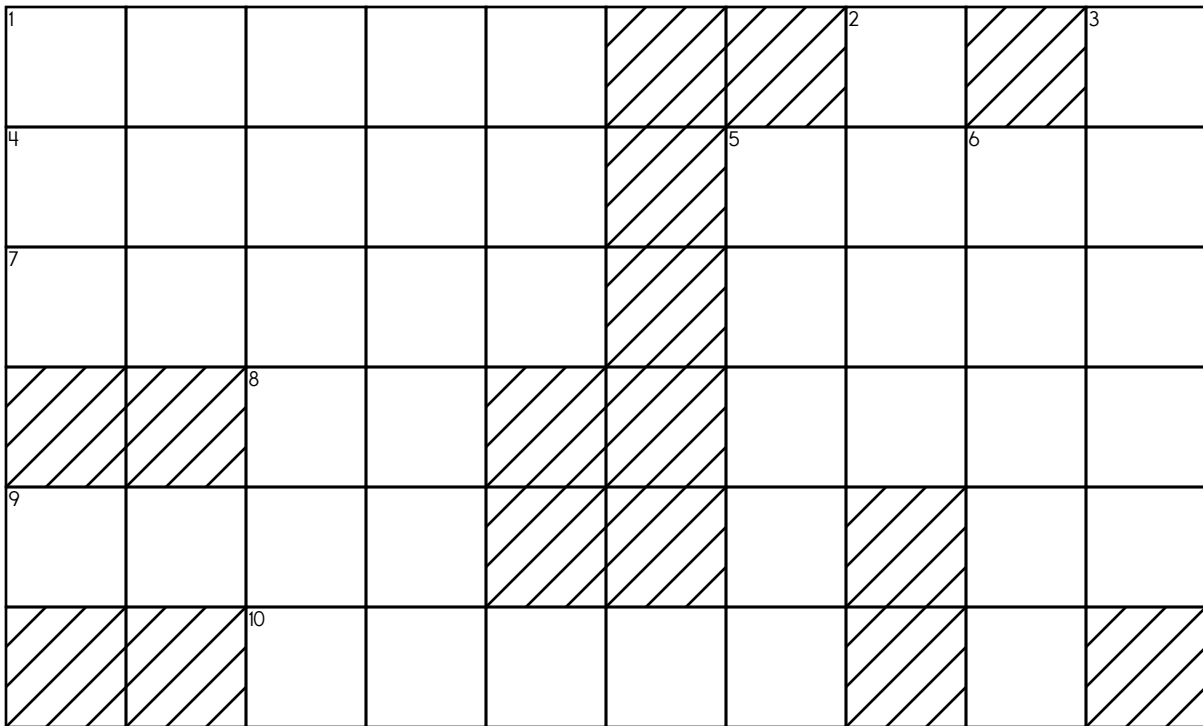
Name: \_\_\_\_\_

**ACROSS**

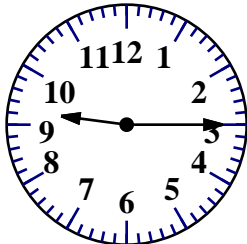
1. the ten thousands in 7-Across + the ones in 8-Across + the thousands in 5-Down
4. the ten thousands in 1-Across + the tens in 6-Down + the thousands in 7-Across
7. **sixty-seven thousand, one hundred thirty-two**
8.  $7 + 18$
9. **eight thousand, two hundred ninety-one**
10. the ten thousands in 7-Across + the ones in 8-Across + the tens in 9-Across

**DOWN**

2. the thousands in 4-Across + the ones in 10-Across + the tens in 5-Down
3. the tens in 9-Across + the ten thousands in 10-Across + the ones in 5-Down
5. the ones in 8-Across + the tens in 9-Across + the ten thousands in 10-Across + the thousands in 7-Across
6. the ones in 10-Across + the ten thousands in 1-Across + the tens in 5-Down + the thousands in 9-Across



100 more  
than 341



\_\_\_\_ : \_\_\_\_

Write **wh** or **wr** to complete each word.

\_\_\_\_\_ ap      \_\_\_\_\_ at  
\_\_\_\_\_ ich      \_\_\_\_\_ ite