



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

Find 2 equations hidden in each box. Good luck!

17

10

8

$4 + 4$

$5 + 5$

7

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

3

$3 + 1$

$7 + 5$

7

12

9

$6 + 7$

$3 + 0$

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

5

$6 - 4$

2

0

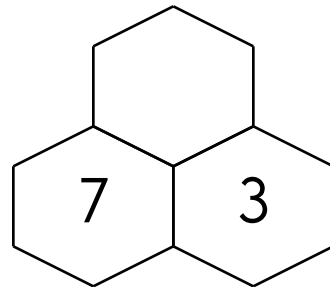
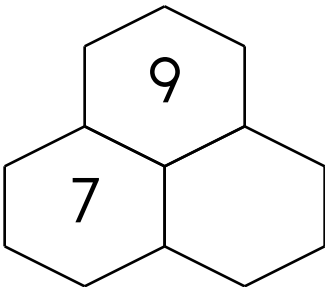
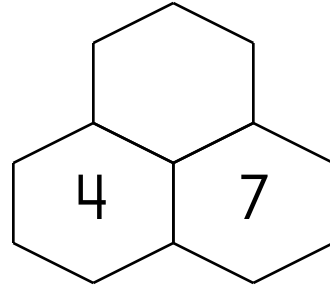
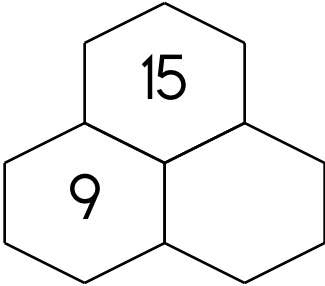
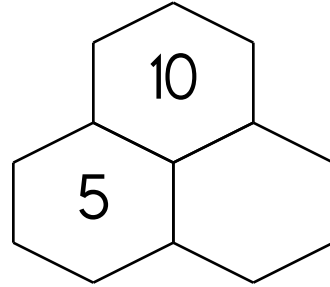
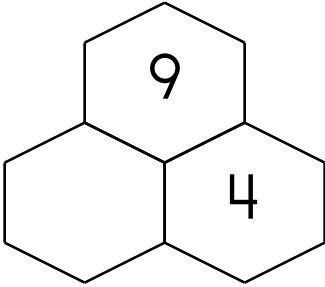
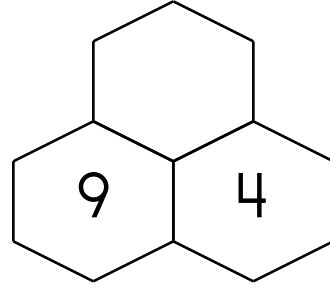
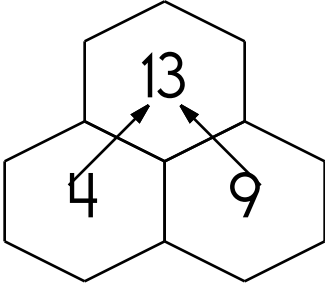
4

$5 - 5$

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

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

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



$18 - \underline{\quad} = 15$

$26, \underline{\quad}, \underline{\quad}, 29, \underline{\quad}, 31$

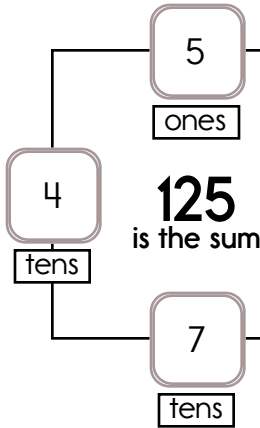
$57, \underline{\quad}, \underline{\quad}, \underline{\quad}, 61, 62$

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

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

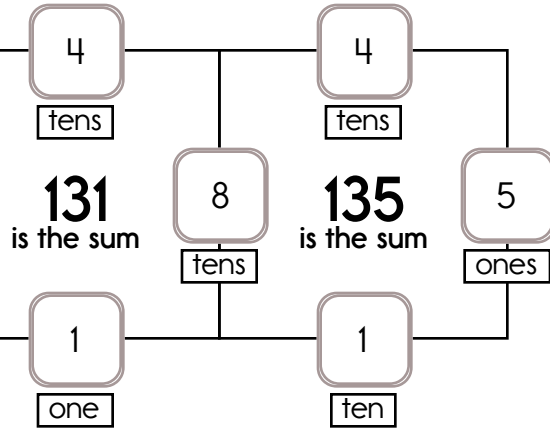
Example:

$$40 + 10 + 5 + 70 = 125$$

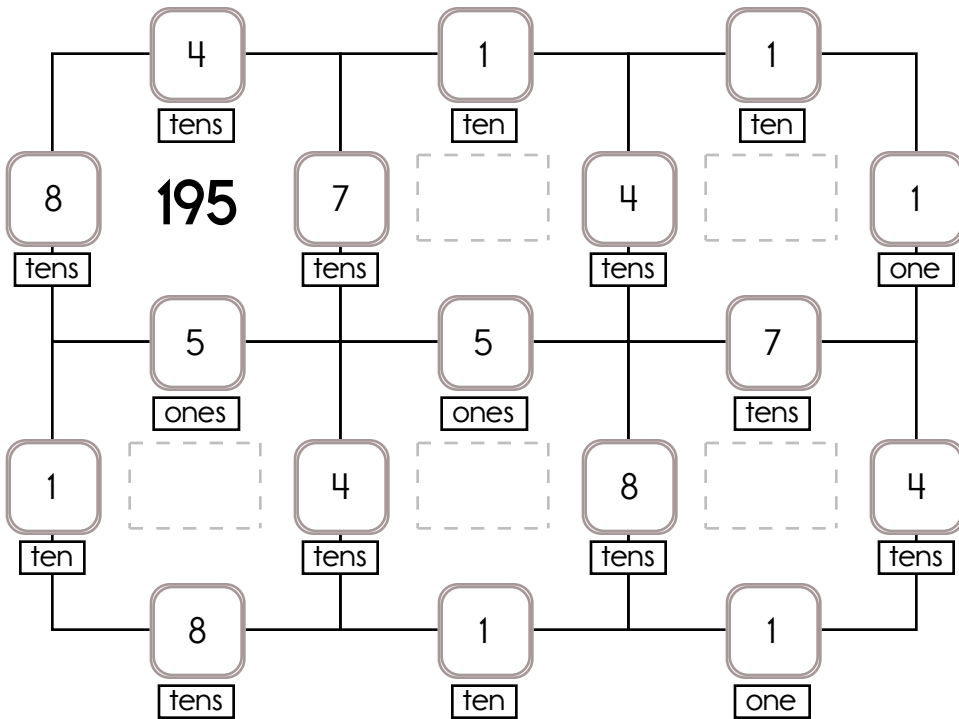


Example:

$$80 + 5 + 40 + 10 = 135$$



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



10, 12, 14, 16, 18,  
 , 22

$33 - \underline{\quad} = 23$

$19 = 9 + 10$   
 $17 = \underline{\quad} + 10$   
 $18 = \underline{\quad} + 10$



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

Subtract 1 or 10.

	20
--	----

34

52

	36
--	----

	34
--	----

35

55

	12
--	----

38

	13
--	----

	38
--	----

56

	22
--	----

54

	15
--	----

48

	42
--	----

42

	16
--	----

33

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

Fill in the numbers.

32	33

89	

58	

77	

51	
----	--

85	

	34

16	

	58
--	----

	38

85	

	87

65	

	23

24	
----	--

	66
--	----

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

Draw the missing spots in the patterns.

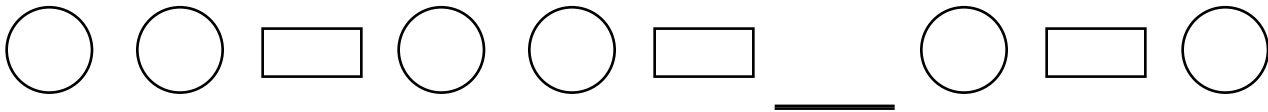
Show the pattern by putting the same letter under each shape or number.



  A     B     B     C     A     B     B     C     A     B     B     C     A  



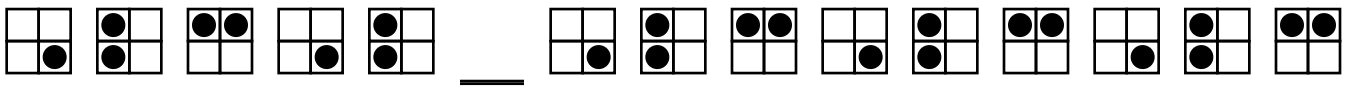
\_\_\_\_\_



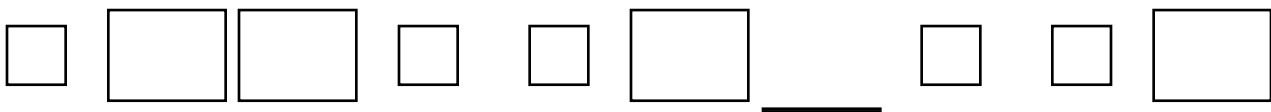
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

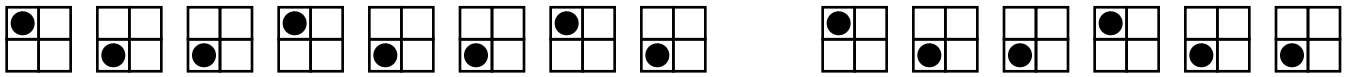


Name: \_\_\_\_\_

Draw the missing spots in the patterns.

☆ 3 ☆ 1 ☆ 5 ☆ 2 ☆ 3 ☆ 1 ☆ 5 ☆ 2 ☆ 3 ☆ 1 \_ ☆ 2 ☆ 3

☆ 0 ☆ 7 ☆ 0 ☆ 0 ☆ 7 ☆ 0 ☆ 0 \_ ☆ 0 ☆ 0 ☆ 7 ☆ 0 ☆ 0



Draw your own patterns.

☆ 2 ☆ 1 ☆ 4 ☆ 2 ☆ 1 ☆ 4 ☆ 2 ☆ 1 ☆ 4 ☆ 2 ☆ 1 ☆ 4 ☆ 2

ABC pattern

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABA pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABB pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABC pattern.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Draw an ABCD pattern.

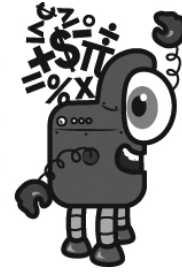
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

I drew an \_\_\_\_\_ pattern.

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!

imagine 7 in your head

double it

Write the number.

\_\_\_\_\_  
A    B

imagine 3 in your head

add 8

add 7

Write the number.

\_\_\_\_\_  
C    D

imagine 7 in your head

add 1

add 9

Write the number.

\_\_\_\_\_  
E    F

imagine 9 in your head

add 9

add 7

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?

\_\_\_\_\_ y \_\_\_\_\_ e

6 after 14 \_\_\_\_\_

4 before 14 \_\_\_\_\_

7 after 12 \_\_\_\_\_

3 after 16 \_\_\_\_\_

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

4 after 13 \_\_\_\_\_

2 after 18 \_\_\_\_\_

6 before 12 \_\_\_\_\_

5 after 19 \_\_\_\_\_

8 after 15 \_\_\_\_\_

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

1 after 17 \_\_\_\_\_

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	4
		3	2
3	2	1	4
1	4	3	2

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

3 2 1 4

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

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

4 2 1 3

1	3	4	2
	2	1	
1	3	4	

Hint - These numbers are missing:

4 3 2

1	3	2	
2	4	1	3
1		2	

Hint - These numbers are missing:

3 4 4

7 tens and 3 ones

308    73    3

3 is more than

2    3    4

$2 - 0 = \underline{\quad}$

2    1    12

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

Fill in the missing numbers.

	3		4	1
2	4			2
1		2		1

Hint - These numbers are missing:

1 3 1 3 4 2

1		1	3	2
	3			
1		1	3	2

Hint - These numbers are missing:

2 4 4 1 2 4

	2		
3	1		1
	4		4
1	3	1	3

Hint - These numbers are missing:

2 3 2 4 2 4

	2		2
4	3	4	3
1		1	2
	4		

Hint - These numbers are missing:

4 3 1 1 3 2

What is ten more than 58?

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




Circle all the ways to make 6.

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

$2 + 9 = \square$	$5 + 8 = \square$	$3 + 2 = \square$	$7 + 6 = \square$	$7 + 2 = \square$	$2 + 3 = \square$
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Name: \_\_\_\_\_

Puzzle:

	8	9
		18
10	17	+

Work Area:

	8	9
		18
10	17	+

The sum for each column and row is given.



= \_\_\_\_\_



= \_\_\_\_\_

98, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_,  
\_\_\_\_\_, \_\_\_\_\_, 104

What is ten less than 62?

$$\begin{array}{r} 2 \\ - 1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ + 3 \\ \hline \end{array}$$

40 + 442 = 482  
Using the commutative property of addition, what do you think 442 + 40 is?

Double four.

Count by 4s.

4, 8, 12, 16, 20

What comes next?

u, 1, S, h, u, 1, S, h, u,

1, \_\_\_\_\_, h, u, 1, S

Write the numbers.

two \_\_\_\_\_

eight \_\_\_\_\_

three \_\_\_\_\_

zero \_\_\_\_\_

seven \_\_\_\_\_