Name: _____

Get a fidget spinner! Spin it.   I needed to spin _____ time(s) to finish.

Sarah started school with 10 pencils in her desk. She counted her pencils. She only has 4. How many pencils has she used?

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

15, 17, 19, 21, 23, _____, 27

$$\begin{array}{r} 5\ 5 \\ +\quad 4 \\ \hline \end{array}$$

five plus seven equals

$$\begin{array}{r} 9 \\ +\ 3 \\ \hline \end{array}$$

1 ten + 7 ones = ___

6 tens + 3 ones = ___

8 tens + 8 ones = ___

5 tens + 0 ones = ___

Round 38 to the nearest 10.

9 ___ 5 ___ 6 ___ 6 = 14

4 ones, 2 hundreds

A, D, G, J, M, P, _____, V, Y

Write an even number.

Name: _____

How much is this?

(10¢) (10¢) (10¢)

$15 + 1 =$ ___

$13 =$ ___ $+ 10$

$17 =$ ___ $+ 10$

A two-digit odd number has a 3 in the tens place. The sum of the ones and tens digits is 6. What is the number?

Megan took her empty backpack and filled it with tennis balls. Estimate how many tennis balls you think she was able to fit into her backpack.

$15 =$ ___ $+ 10$

z, X, z, X, z, X, _____, X,

z, X, z, X, z, X

---

3 less than 353

Make your own equation.

___ $- 7 =$ ___

$7 - 1 - 3 + 6$

Find a clock. What time is it right now?

Circle the number that is largest.

5,080   5,800

5,008

---

double 50

Name: _____

Amanda wants to go to the juggling show. Tickets cost $1.75. She has 4 quarters and 4 nickels. How much more money does she need?

Jack made a scale drawing of the rock garden before he made the real one. On his drawing 0.5 in = 1 ft. The drawing has two sides that measure 14 inches and two sides that measure 9 inches. What is the perimeter of Jack's garden?

"Fine," said Hannah to her brother Jacob. "I'll let you have my Legos for a dollar, but you will have to walk the dog for me this week."

"Deal!" said Jacob. He went to his room to get a dollar bill, but all he had was coins. "How did that happen?" he thought.

He counted 3 dimes, 42 pennies, and 5 nickels. Does he have enough money?

If he does, what should he give Hannah?

If he does not, how much money does he need?

Ava is playing a game against April. In the game you collect gold coins. You can also get hearts. Every heart is exchanged for 2 gold coins at the end of the game. Ava got 300 gold coins and 19 hearts. April got 43 gold coins and 77 hearts. The game ended and they exchanged hearts for gold coins. Who won?

---

word root **dur** can mean **hard**   **durable, duration**

Name: _____

Show what 6 x 2 looks like by drawing an array. What is the answer?

Erin is playing a game against Amy. In the game you collect gold coins. You can also get hearts. Every heart is exchanged for 2 gold coins at the end of the game. Erin got 200 gold coins and 28 hearts. Amy got 49 gold coins and 78 hearts. The game ended and they exchanged hearts for gold coins. Who won?
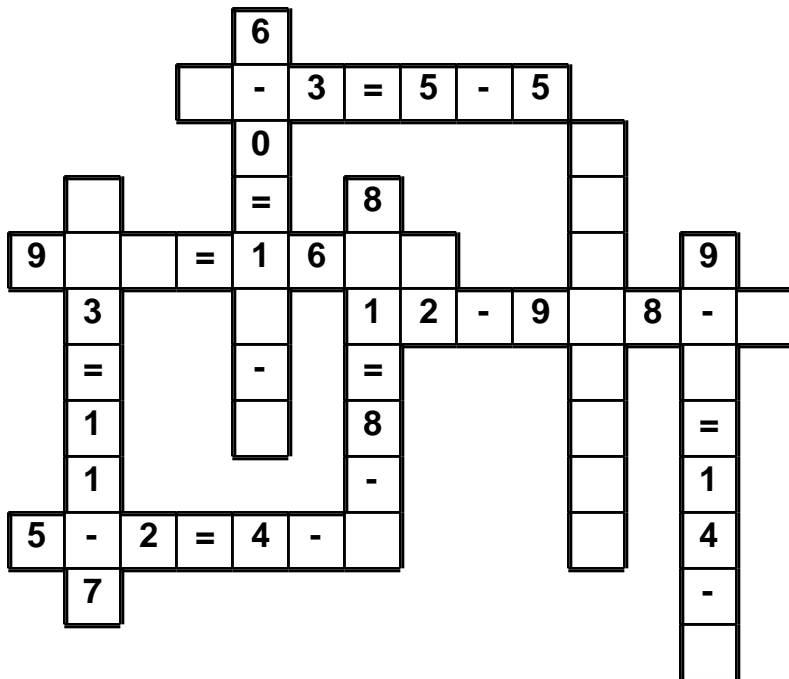
Name: _____

Mary wants to make cookies for Mrs. Hernandez. Mrs. Hernandez lives alone near Mary. Mary needs 27 red candies to put on the cookies. There are 12 candies in a bag. How many bags does Mary need for the cookies?

Max likes TV. He likes to eat TV dinners. He watches TV for three and half hours each day. If he starts at 5:15 p.m., what time will he quit watching TV?

Max picked three quarts of blueberries. Some of the blueberries are ripe and some are not ripe. If he takes one blueberry from the basket without looking, what are the possible outcomes?

3 • 6 • 7 • - • - • 2 • - • 9 • 1 • 2 • = • 5 • 1 • 2 • 6 • 3 • - • 1 8 • 7

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

Name: _____

Sudoku Sums of 7

Each row, column, and box must have the numbers 1 through 4.
Hint: Look for sudoku sums. The sum of the two boxes inside of
the dashed lines is 7.

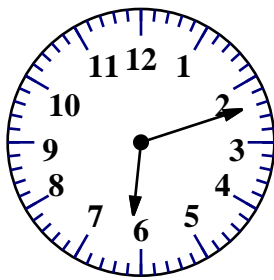Here is an example of a sudoku sum of 7:

3	4

		3	2
1	3		

```
  7 0
- 2 0
```

```
  1 2
x   4
```

```
    1
x   1
```

○ werm

○ warm

○ wirm

○ wawm

current time   **5 hours later**

7 8 - 2   = _____

2 8 - 7   = _____
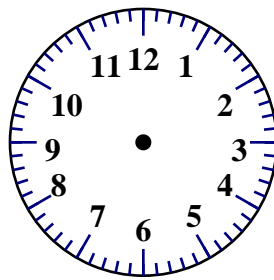
Count by 6s.

28 ___ ___ ___ ___ 58

19 + [ ] = 34   16 + [ ] = 26

○ brouht

○ brought

○ brawt

○ brewt

```
  1 2
+ 8 5
```

6 - 4 = [ ]   7 - 4 = [ ]   2 + 4 = [ ]   1 + 3 = [ ]

Name: _____

7 x 3 = _____   7 x 10 = _____

$3\overline{)27}$

Robert learned the names of 15 stars. Nathan learned the names of 29 stars. How many more names did Nathan learn than Robert?

Write the correct symbol.

< = >

5,379 ◯ 5,379

```
  29        91
- 19      - 73
```

6 + ☐ = 24

Amy and her father picked two baskets of pecans from their trees. They picked 615 pecans in all. Amy picked 293 pecans. How many did her father pick?

○ fura

○ fre

○ firi

○ fire

42 - 6 = _____

6 x 7 = _____

8 x 3 = _____

```
    2          8
    6          4
 + 6 3      + 4 9
```

Fill in the blanks with these numbers:
2, 4, 9

☐ ☐

+ 5 ☐

―――――

8   3

Fill in the blanks with these numbers:
3, 2, 7

4   1

+ 3 ☐

―――――

☐ ☐

---

7 + ☐ = 13   16 + ☐ = 26   35 + ☐ = 37   19 + ☐ = 22

Name: _____

5,412 + 7,843	17,674 - 7,785	3,613 + 8,884	11,738 - 4,168
9,451 - 6,167	6,854 + 7,200	1,001 + 8,193	8,805 + 8,823
12,666 - 4,628	10,232 - 3,191	4,289 + 9,753	11,541 - 1,591
9,915 - 6,218	4,772 + 9,761	15,269 - 7,153	7,605 + 5,171
4,898 + 8,168	15,417 - 8,118	4,381 + 1,460	6,955 - 4,974
9,653 + 8,269	2,317 + 5,693	14,555 - 8,711	12,634 - 4,640
5,834 - 2,880	6,836 + 8,940	4,599 + 1,830	17,976 - 8,857

Right column:

```
        1
  +     7
     [   ]

  +     4
     [   ]

  +     9
     2 1

  -   [   ]
     1 6

  +     7
     [   ]

  -     5
     [   ]

  +     9
     [   ]

  +     2
     [   ]

  +     5
     3 4

  -   [   ]
     2 6

  + [   ]
     3 0
```

Name: _____

Mental Math — #1 —

○ Start with the product of 6 and 7. __42__

○ Divide by 6.
5 8 7 2 1 9 8 6 4 4 (Circle your answer to double check you are correct.) _____

○ Add 4 tens.
1 0 7 2 9 1 6 4 7 0 _____

○ Add 5 hundreds.
8 5 4 7 2 1 1 1 6 5 _____

○ Add the number of inches in 1 foot.
5 5 9 3 7 9 5 3 6 5 _____

Mental Math — #2 —

⌘ Start with the number 30.
3 2 5 6 3 0 4 5 8 8 (Circle your answer to double check you are correct.) _____

⌘ Add 3 tens.
4 0 7 7 3 4 6 0 5 5 _____

⌘ Add 6 hundreds.
1 8 9 0 6 6 6 0 2 2 _____

⌘ Add the number of cups in 1 quart.
3 5 4 6 6 4 9 0 1 2 _____

⌘ Subtract 9.
7 6 4 2 6 5 5 1 9 6 _____

Name: _____

Jenna put 8 marshmallows in each of 34 bags. The marshmallows are for the class cookout. How many marshmallows did she use?	Rosa bought 3 boxes of erasers. Each box had 6 erasers. Then she gave 7 erasers away. How many erasers did she have left?
Peter is cutting pumpkins from slices of cheese. He will put the pumpkins on the apple pie to decorate it. He can cut three pumpkins from each slice of cheese. He wants to cut out fifteen pumpkins. How many slices of cheese does he need?	Jacob bought a box of beads for his craft project. There are 4,379 beads in the box. Round off 4,379 to the nearest hundred.

$$5\overline{)35} \qquad 9\overline{)81}$$

$$\begin{array}{r} 7\ 3 \\ +\ 1\ 8 \\ \hline \end{array}$$

03:41
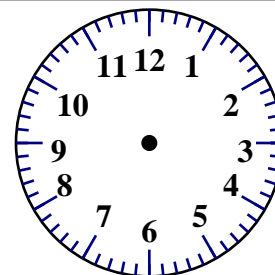
$$\begin{array}{r} 6\ 2 \\ -\ 1\ 4 \\ \hline \end{array}$$

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

:

$$\begin{array}{r} 1\ 5 \\ +\ 5\ 1 \\ \hline \end{array} \qquad \begin{array}{r} 7\ 1 \\ +\ 9\ 2 \\ \hline \end{array} \qquad \begin{array}{r} 4\ 4 \\ +\ 3\ 1 \\ \hline \end{array}$$

word root **con** can mean **together or with**   **conclude, convention, convert**

Name: _____

1. 91 = 46 + 45

2. 58 = 19 + ◯

3. ◯ = 37 + 61

4. 82 = ◯ + 39

5. 98 = 43 + ◯

6. ◯ = 35 + 25

7. 76 = 33 + ◯

8. 53 = 25 + ◯

9. 91 = ◯ + 35

10. 93 = ◯ + 51

11. 84 = (◯ = 23 + 43) + (18 = 8 + 10)

12. 56 = (◯ = 17 + 19) + (20 = 12 + 8)

13. 91 = (55 = 27 + 28) + (◯ = 17 + 19)

14. 71 = (◯ = 17 + 32) + (22 = 8 + 14)

15. ◯ = (37 = 17 + 20) + (42 = 26 + 16)

16. 56 = (◯ = 14 + 7) + (35 = 14 + 21)
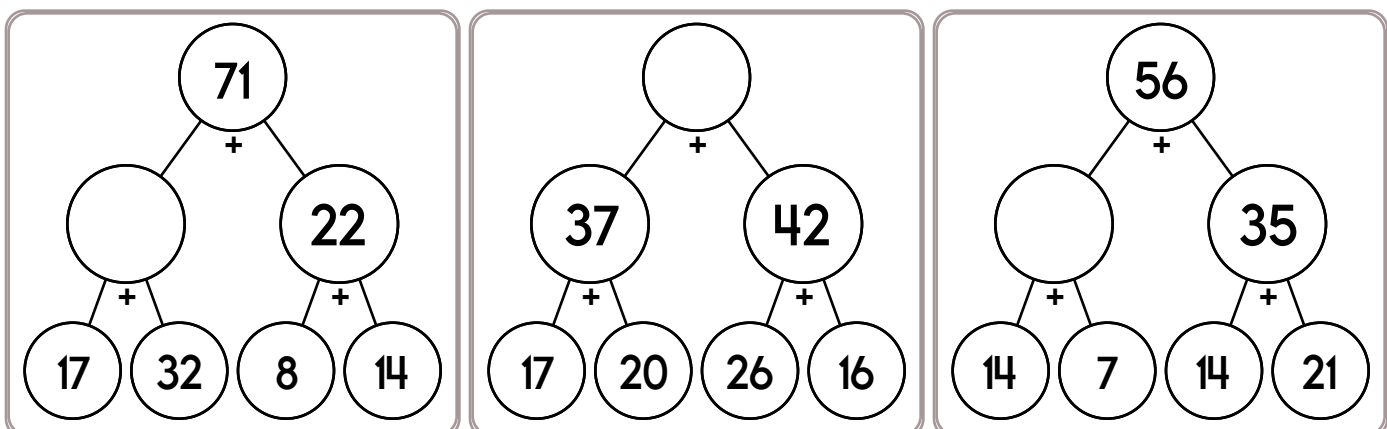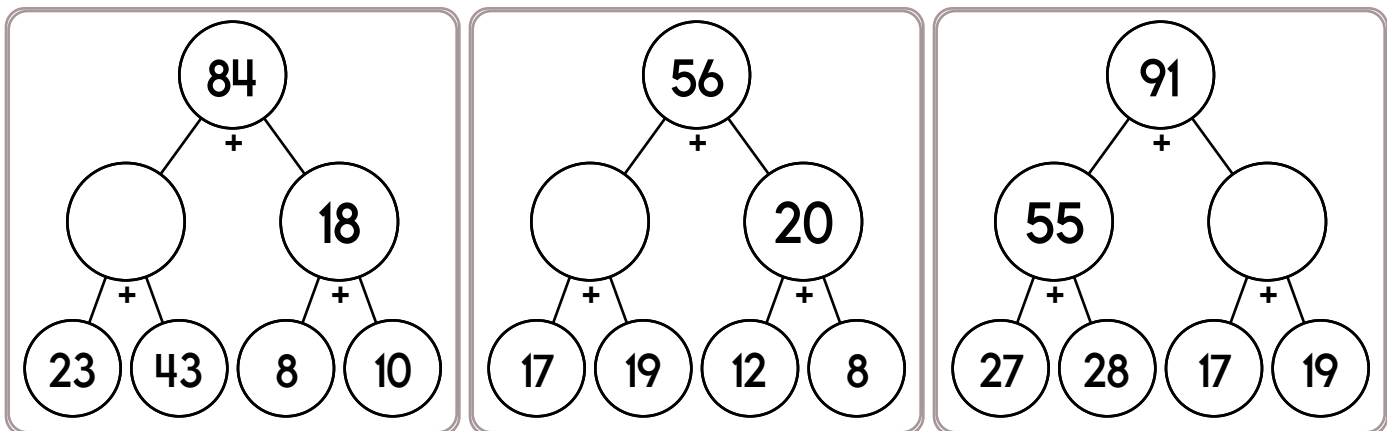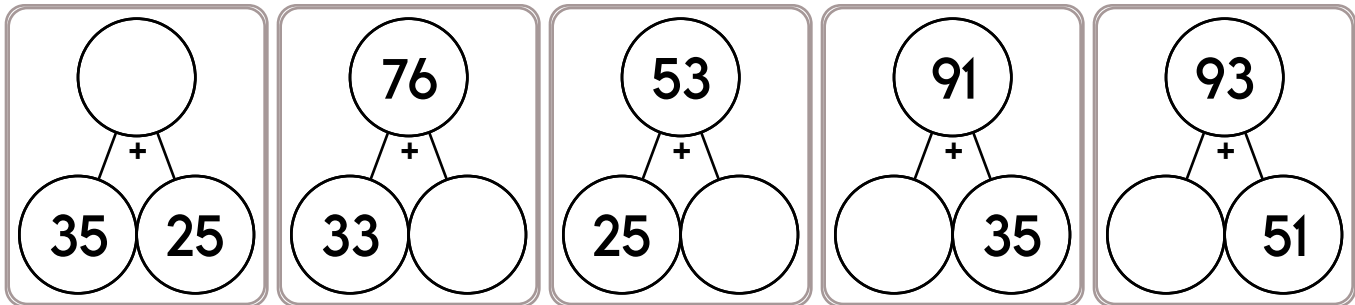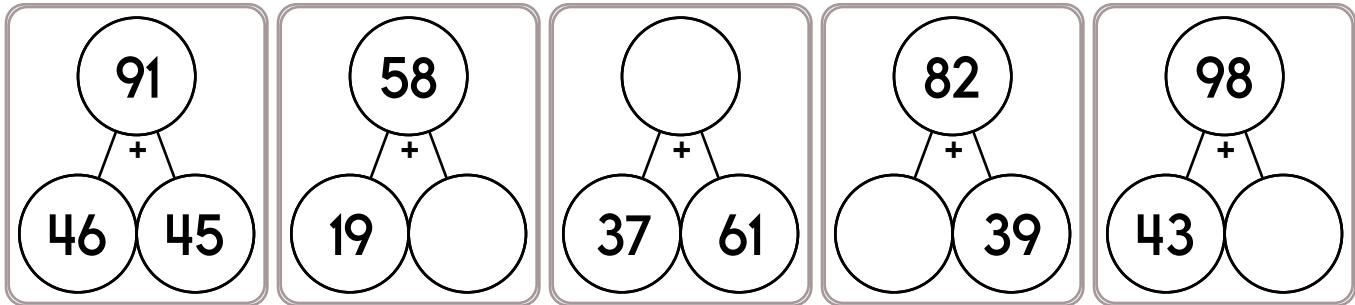
7 + 6 - 2 - 3 - 5

In seven hours it will be midnight. What time is it now?

8 tens, 6 hundreds, 2 thousands, 3 ones

Name: _____

| 9 • 1 • - • 1 • 2 • - • 0 • = • 7 • - • 5 • 3 • 8 • 0 • 8 • - • 0 - • 4 • 6 |

Use the pieces above to help you fill in the runaway math puzzle.
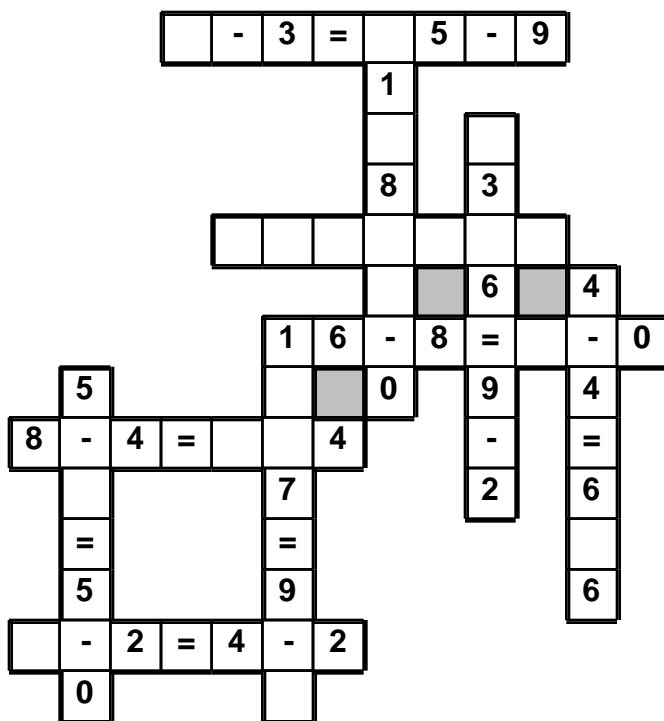
14, 21, 28, 35, 42, _____,

56, 63, 70

$$\begin{array}{r} 6\ 9 \\ +\ 5 \\ \hline \end{array}$$

Circle the number that is smallest.

5,050   5,005

5,500

Circle the even numbers.

31   56   82   74

85   57   88   89   80

43   78   74   47

8, 8, X, 8, _____, X, 8, 8,

X, 8, 8, X

30, 35, 40, 45, 50, 55, 60,

_____, 70

Name: _____

$\frac{1}{2}$		$\frac{1}{2}$	

Fraction bars: $\frac{1}{2}$, $\frac{1}{3}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{1}{6}$, $\frac{1}{7}$, $\frac{1}{8}$

Compare.

$\frac{4}{8}$ (=) $\frac{1}{2}$	$\frac{2}{4}$ (>) $\frac{2}{6}$	$\frac{1}{8}$ (<) $\frac{2}{7}$	$\frac{1}{2}$ ( ) $\frac{2}{3}$
$\frac{3}{5}$ ( ) $\frac{1}{3}$	$\frac{6}{8}$ ( ) $\frac{1}{2}$	$\frac{1}{2}$ ( ) $\frac{3}{6}$	$\frac{6}{7}$ ( ) $\frac{1}{6}$
$\frac{4}{5}$ ( ) $\frac{3}{4}$	$\frac{2}{3}$ ( ) $\frac{2}{6}$	$\frac{3}{6}$ ( ) $\frac{2}{4}$	$\frac{1}{8}$ ( ) $\frac{1}{3}$
$\frac{2}{4}$ ( ) $\frac{3}{5}$	$\frac{2}{5}$ ( ) $\frac{1}{4}$	$\frac{5}{8}$ ( ) $\frac{1}{2}$	$\frac{3}{6}$ ( ) $\frac{4}{8}$
$\frac{4}{8}$ ( ) $\frac{2}{4}$	$\frac{1}{7}$ ( ) $\frac{1}{3}$	$\frac{3}{4}$ ( ) $\frac{6}{7}$	$\frac{2}{5}$ ( ) $\frac{3}{6}$
$\frac{6}{8}$ ( ) $\frac{5}{7}$	$\frac{2}{8}$ ( ) $\frac{1}{4}$	$\frac{3}{5}$ ( ) $\frac{1}{7}$	$\frac{3}{8}$ ( ) $\frac{1}{3}$

Name: _____

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

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

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

Name: _____

Color Squares Puzzle

Color in the number of consecutive boxes in each row and column. Double check when you are done!

		A 2	B 2	C 2	D 3	E 1	F 1	G 1	H 1	I 1	J 1
K	0										
L	0										
M	1										
N	4			■							
O	10			■						■	

CLUE A: Color in 2 consecutive boxes.

CLUE B: Color in 2 consecutive boxes.

CLUE C: Color in 2 consecutive boxes.

CLUE D: Color in 3 consecutive boxes.

CLUE E: Color in 1 box.

CLUE F: Color in 1 box.

CLUE G: Color in 1 box.

CLUE H: Color in 1 box.

CLUE I: Color in 1 box.

CLUE J: Color in 1 box.

CLUE K: All the boxes in this row are yellow.

CLUE L: All the boxes in this row are yellow.

CLUE M: Color in 1 box.

CLUE N: Color in 4 consecutive boxes.

CLUE O: Color in 10 consecutive boxes.

Don't forget to double check when you are done!

Name: _____

Can you guess the word?

No duplicate letters can be used.

R	I	F	L	E

The letter R is in the word and is in the correct spot.

T	H	A	N	K

The letter H is in the word, but H is not in that spot.

A B C D E F G H I J K L

A list of letters will be given that have not been used. Good luck!

Hint: There are no duplicate letters in the answer.

N	O	T	C	H
B	L	A	N	D
B	R	I	N	G

E F J K M P Q S U V W X Y Z

Let's check if you guessed correctly. Look across or down to find the correct answer.

```
I G K I N N I N P B A N D R I R O N B
N L A B N B S K I N K B O I N K N M M
N N K A I L M A K O I B R S N B N J R
N B N G B I A B K C I I B R I N G N I
B L A N D K Y J I R B X K B L I B R N
N P B K D R R F L N I I Z K R R I F I
I N L L B I S R B R I N K I K G N B D
R I L M I K N N I X N K I B R P N X N
```

Hint: There are no duplicate letters in the answer.

B	E	I	N	G
L	A	T	E	R
C	R	A	T	E

D F H J K M O P Q S U V W X Y Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

```
C E R X L A C E T R R R K E R L B C E
R E B T R R E R E L A V R T P V E A G
G A Z L L K L A A E J P A Q R A L R E
J A C T A R T C E T E T I C R A S B M
C E G E X T T C R I C A Y T I C C W B
E E Y A R X E R T A Z E L B E E C E R
O L I R R L R R D I T C R R Z A R K R
Y Z E F W A R T R C O E E C A E C B R
```

Hint: There are no duplicate letters in the answer.

E	V	I	C	T
S	A	V	O	R

B D F G H J K L M N P Q U W X Y
Z

Let's check if you guessed correctly. Look diagonally to find the correct answer. (DIAGONAL!)

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

Name: _____

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

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

Write the words found.

HOSPITAL   HOUSE   _____   _____

_____   _____   _____   _____

_____   _____   _____   _____

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

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

Write the words found.

ROW   DINNERS   _____   _____

_____   _____   _____   _____

_____   _____   _____   _____

Name: _____

```
s  d  o  n  s  s  l  p  e  e  s  s  i  t  w  w  m  a  r
r  t  m  w  e  h  o  s  p  i  t  a  l  o  o  a  e  i
i  h  i  r  d  e  g  r  a  d  e  s  a  m  r  v  s  c
r  o  n  i  a  o  t  s  s  o  b  m  o  e  e  e  s  r
o  u  e  s  w  n  r  b  o  x  e  s  a  r  u  e  a  a
o  s  w  t  t  g  k  o  u  m  b  r  e  l  l  a  g  y
s  e  s  e  e  s  h  s  r  e  d  a  r  a  i  e  e  o
t  s  e  r  b  u  s  h  e  l  e  k  s  b  j  g  s  n
e  s  r  m  r  s  d  t  w  i  v  a  m  s  d  r  e  k
r  s  m  t  r  o  w  r  e  a  d  g  l  t  o  r  o  n
e  s  a  w  d  t  m  r  o  t  o  y  g  a  t  e  s  o
n  d  r  i  p  n  n  t  w  e  n  o  o  b  s  k  j  t
s  l  l  s  t  o  h  o  s  p  i  t  a  l  r  m  t  w
o  v  j  o  g  d  i  n  n  e  r  s  a  t  p  m  s  s
t  i  s  r  o  b  d  s  s  y  w  r  i  t  e  r  s  l
```

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

Name: _____

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

If

  1 , 4 = 5

  2 , 6 = 8

  3 , 10 = 13

  4 , 14 = 18

Then

  5 , 19 = ?

If

  5 , 11 = 16

  6 , 14 = 20

  7 , 18 = 25

  8 , 20 = 28

Then

  9 , 25 = ?

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

If

  1 , 10 = 11

  2 , 15 = 17

  3 , 18 = 21

  4 , 22 = 26

Then

  5 , 26 = ?

If

  4 , 4 = 8

  5 , 8 = 13

  6 , 11 = 17

  7 , 16 = 23

Then

  8 , 21 = ?