

MUNICIPAL LIBRARY

THE GROUNDHOG ENTERTAINS YOU FOR ADULTS

Activity book



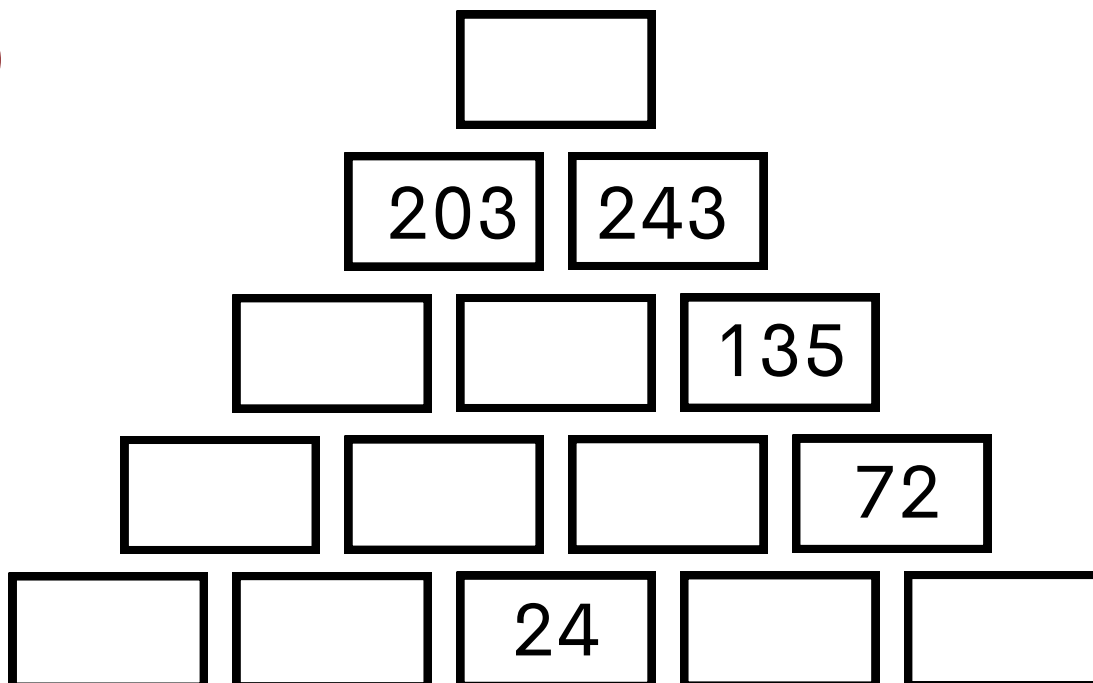
Vol. 1 No 1

SUDOKU & NUMBER PYRAMID

1

		9			6		7	
			2	4				8
		4			1	6	2	
8			3	2			1	9
1	2		9			4	8	5
2	9			1	3	8	6	4
			4					7
					8	9	3	2

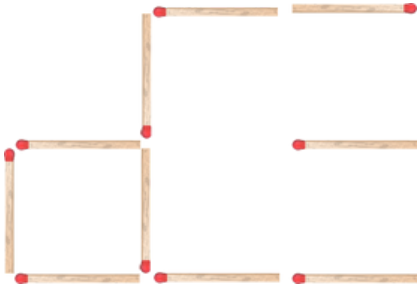
2



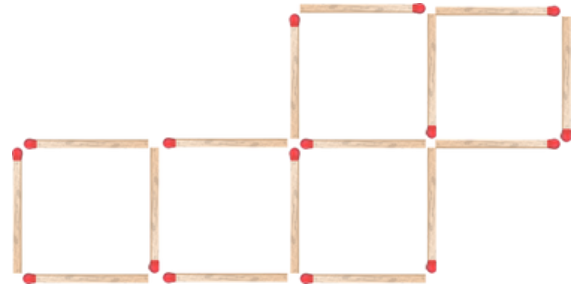
4

MATCHSTICKS PUZZLES

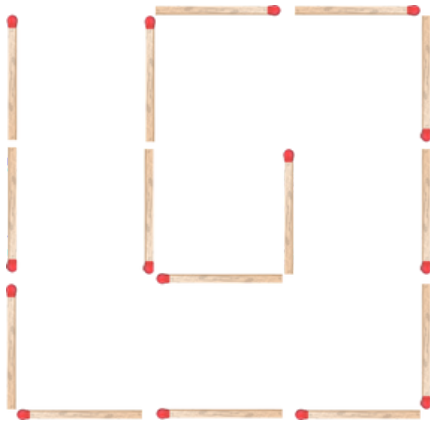
Move 3 matchsticks to make 2 square



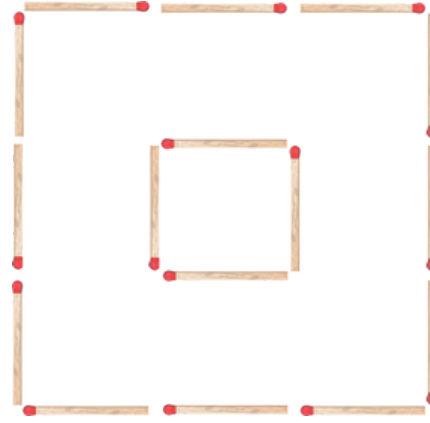
Move 2 matchsticks to make 4 square



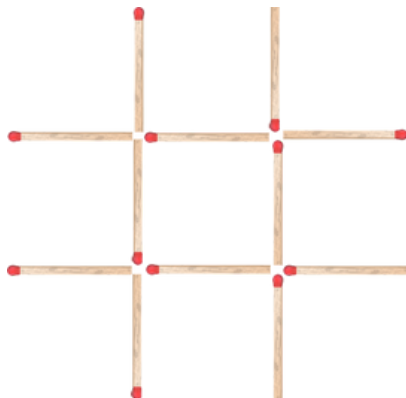
Move 3 matchsticks to make 2 square



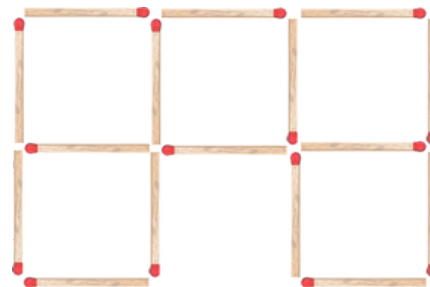
Move 4 matchsticks to make 3 square



Move 3 matchsticks to make 3 square



Move 3 matchsticks to make 4 square



PUBLIC LIBRARY

Directions: Find and circle all of the library words that are hidden in the grid. The remaining letters spell an additional summer item.

5

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

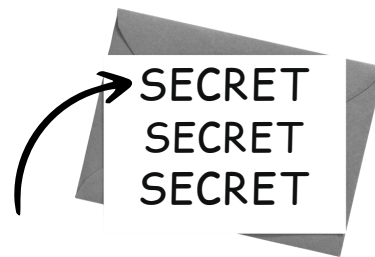
- | | | | | |
|-----------------|--------------|--------------|-------------|-----------------|
| APPLIED SCIENCE | DICTIONARY | LANGUAGES | OVERDUE | RENEW |
| ARTS | DUE DATE | LIBRARIAN | PAPERBACK | RESEARCH |
| BIOGRAPHY | ENCYCLOPEDIA | LIBRARY CARD | PERIODICALS | RESERVE |
| BOOKS | FICTION | LITERATURE | PHILOSOPHY | SHELVES |
| BORROW | FINES | MAGAZINES | PHOTOCOPIER | SOCIAL SCIENCES |
| BRANCH | GEOGRAPHY | MATHEMATICS | PSYCHOLOGY | TABLES |
| CATALOG | HARDCOVER | MOVIES | QUIET | TECHNOLOGY |
| CHAIRS | HISTORY | MUSIC | READ | |
| CHECKOUT | INFORMATION | NEWSPAPERS | RECREATION | |
| COMPUTERS | INTERNET | NOVELS | RELIGION | |

DIRECTIONS: Can you solve these visual word puzzles? Good luck!

FACE

HO[☺]R

po FISH nd

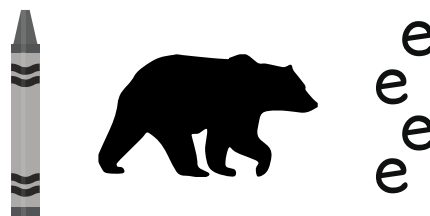


ISSUE ISSUE ISSUE
 ISSUE ISSUE ISSUE
 ISSUE ISSUE ISSUE
 ISSUE

TROUBLE



gsge
 egsg
 gges
 esgg



FUTOSHIKI

Directions: Place numbers (1 to 4 for 4x4 sets and 1 to 5 for 5x5 sets) in the boxes in such a way that, in each row and column, each number is present only once. In addition, the numbers must respect the constraints indicated by the "<" and ">" symbols.

7

1			3
		^	
∨			1
3			

8

	>			<	
		∨			
				<	
	<		<		

9

				>
∨				
		2		
			^	
1		<		
			^	
4				<

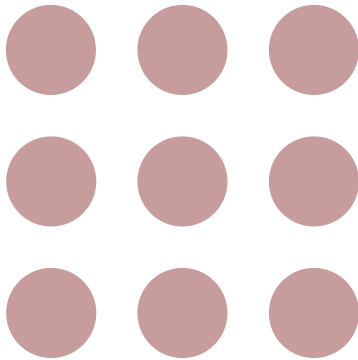
10

		<			
∨	∨		^		
			∨	^	
				>	
^					
	^				^
		>			

BRAIN TEASER

11

Without lifting a pencil or pen, connect the 9 points in just 4 straight lines.



What number do you get when you multiply all the numbers on a standard telephone keypad?

$0 \times 1 \times 2 \times 3 \times 4 \times 5 \times 6 \times 7 \times 8 \times 9 = 0$

Is it cheaper to invite a friend to the cinema twice, or to invite two friends to the cinema once?

It's better to invite two friends once at the same time. If I invite one friend twice, I'll pay for 4 seats, whereas if I invite two friends once, I'll pay for 3 seats.

You're traveling down a road. Suddenly you come to a fork in the road; one road leads to certain death, the other to your dream world. In the middle of the fork is a house with two identical brothers, both of whom know where each road leads. One always lies and the other always tells the truth. You can only ask **ONE** question to **ONE** brother. Which question do you ask to make sure you take the path that leads to your dream world?

ask one of the guards: "Which door would the other guard say leads to paradise? If you ask the truthful guard, he'll say that the lying guard would choose the wrong door. If you ask the lying guard, he'll say that the truthful guard would also choose the wrong door (since he's lying). So, whatever happens, you can choose the opposite door to what they say and you'll end up in paradise!"

CRYPTARITHMS

DIRECTIONS: Within each of the puzzles, every different letter corresponds to a different digit. The left most digits cannot be zeros. Given that each of the addition problems is correct, can you figure out what the numbers?

1

$$\begin{array}{r} \text{S H I R T} \\ + \text{T S H I R T} \\ \hline \text{C L O T H E S} \end{array}$$

4

$$\begin{array}{r} \text{B A T} \\ \text{H I T} \\ + \text{I N N I N G} \\ \hline \text{B A T T E R} \end{array}$$

2

$$\begin{array}{r} \text{F A N} \\ \text{F A N} \\ + \text{S O F A} \\ \hline \text{H O U S E} \end{array}$$

5

$$\begin{array}{r} \text{R U B Y} \\ \text{P E A R} \\ + \text{B R A S S} \\ \hline \text{A U B U R N} \end{array}$$

3

$$\begin{array}{r} \text{G H A N A} \\ \text{G A B O N} \\ + \text{B H U T A N} \\ \hline \text{A L B A N I A} \end{array}$$

6

$$\begin{array}{r} \text{O D E R} \\ + \text{C O N G O} \\ \hline \text{M E K O N G} \end{array}$$

SUMMER

Directions: Find and circle all of the summer words that are hidden in the grid. The remaining letters spell an additional summer item.

13

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

ANTS	FISHING	JULY	SUNBURN
AUGUST	FLIES	JUNE	SUNGLASSES
BARBECUE	FLOWERS	MOSQUITOES	SUNSCREEN
BASEBALL	GARDENING	NO SCHOOL	SUNSHINE
BEACH	GOLF	PICNIC	SUNTAN
BEEES	GREEN GRASS	ROLLER BLADES	SWEAT
BICYCLE	HAT	SANDALS	SWIMMING
BLUE SKY	HIKING	SKATEBOARD	UV RAYS
BOATTING	HOLIDAYS	SOCCER	WASPS
BREEZE	HOT	SOLSTICE	WATER FIGHTS
CAMPING	ICE CREAM	SPRINKLERS	WATERMELON

RIDDLES

14

Directions: Can you figure out the answers to the riddles?

When I eat, I grow and when I drink,
I die. Who am I?

1

Who has two needles, but
doesn't sting?

2

What belongs to you but is used
more by others?

3

What's full of holes but still
holds water?

4

What time is it when an elephant is
sitting on a fence?

5

If I have it, I don't share it.
If I share it, I don't have it.
What is it?

6

Which word contains a letter?

7

What gets wet during
drying?

8

What goes around the world but
stays in a corner?

9

What has 13 hearts but no
other organs?

10

What goes up and doesn't come
back down?

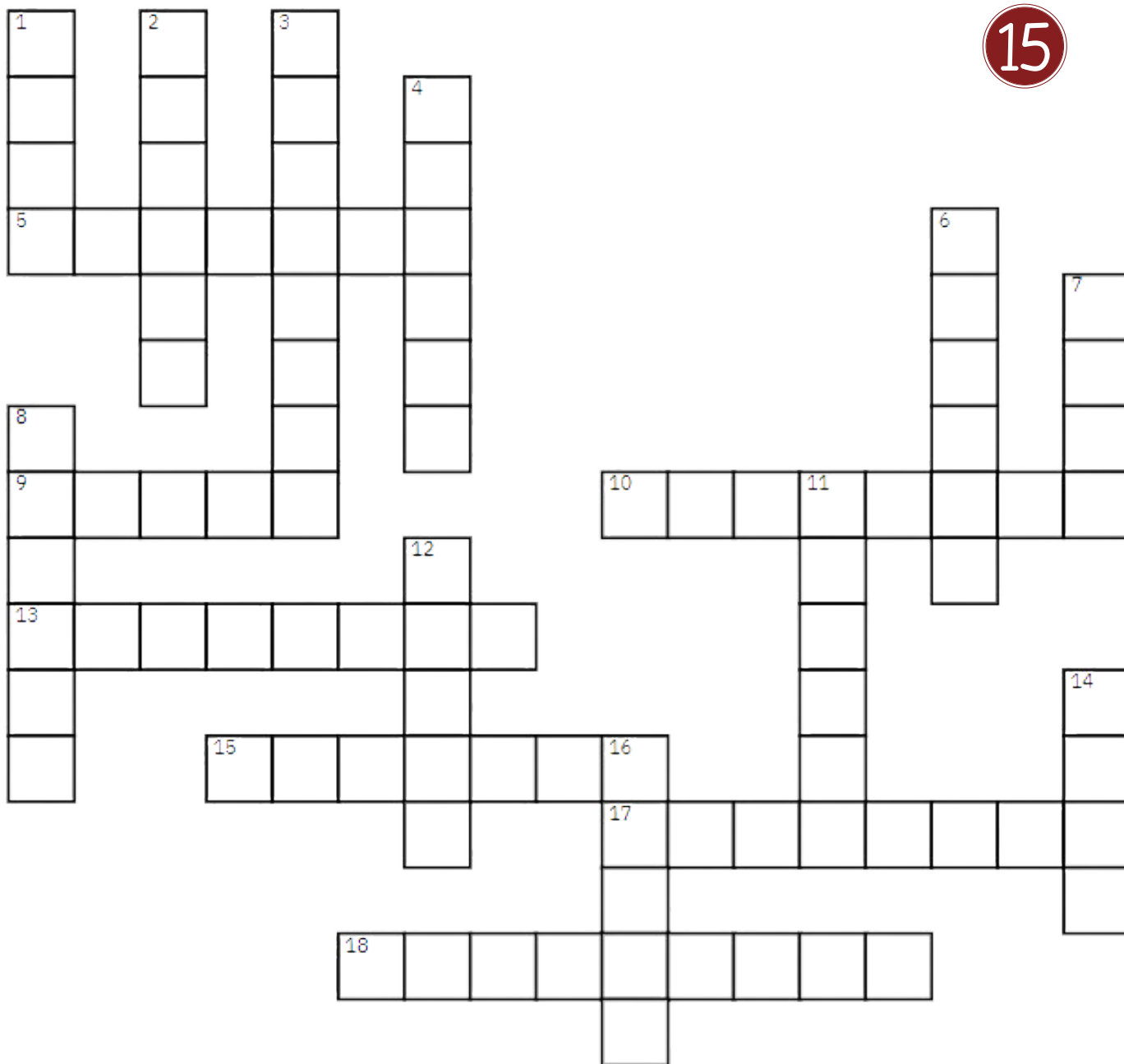
11

What's always in front of you
that you can never see?

12

SPRING CROSSWORD

15



ACROSS

- 5)**They're usually found in beds
- 9)**Time for showers
- 10)**Gloom's opposite
- 13)**Yellow spring flower
- 15)**Day for diamonds and dreams
- 17)**Shower apparel?
- 18)**Monarch, e.g.

DOWN

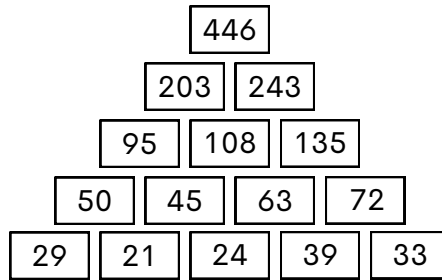
- 1)**Sport with tees
- 2)**Fledgling plant
- 3)**America's pastime
- 4)**___ egg
- 6)**Eating outing
- 7)**When spring ends
- 8)**Vegetable plot
- 11)**One of four in a year
- 12)**Breezy
- 14)**Flying toy with a tail
- 16)**Verdant

ANSWERS

1

3	8	2	1	7	9	5	4	6
5	4	9	8	3	6	2	7	1
7	6	1	2	4	5	3	9	8
9	7	4	5	8	1	6	2	3
8	5	6	3	2	4	7	1	9
1	2	3	9	6	7	4	8	5
2	9	5	7	1	3	8	6	4
6	3	8	4	9	2	1	5	7
4	1	7	6	5	8	9	3	2

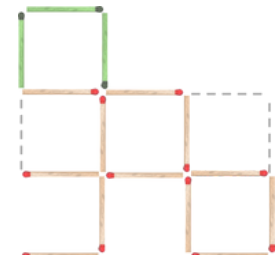
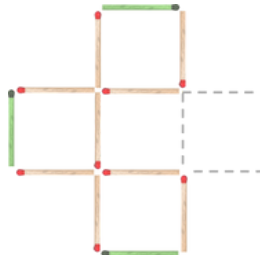
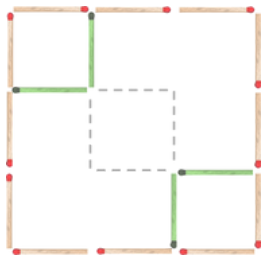
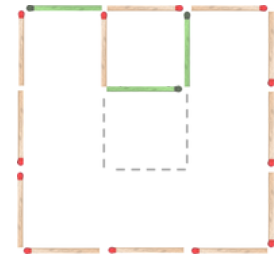
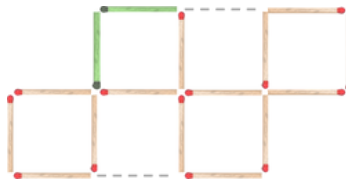
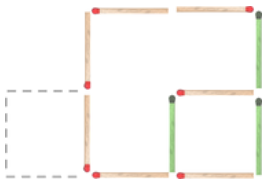
2



3

Hibernation

4



5

A library is not a luxury
but one of the
necessities of life.

6

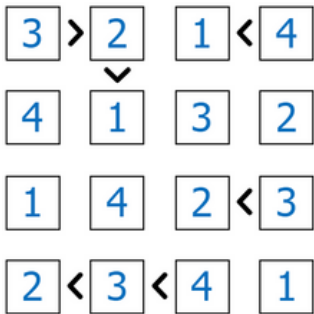
- 1- Red in the face
- 2- Big fish in a little pond
- 3- Tennis shoes
- 4- I understand
- 5- Scrambled eggs
- 6- Happy hour
- 7- Top secret
- 8- You are in trouble
- 9- Think outside the box
- 10- Cranberries

7

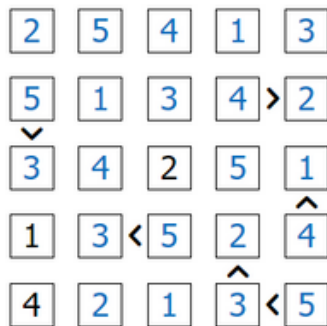
1	4	2	3
4	2	3	1
2	3	1	4
3	1	4	2

ANSWERS

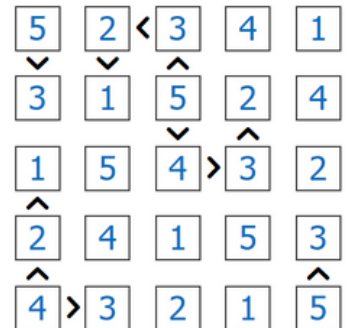
8



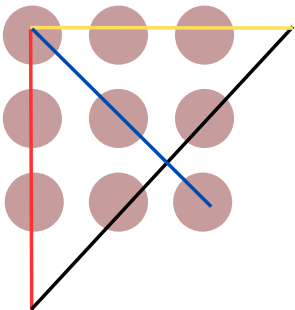
9



10



11



12

$$\begin{array}{r} 1 \quad 8 \ 4 \ 7 \ 2 \ 9 \\ + \ 9 \ 8 \ 4 \ 7 \ 2 \ 9 \\ \hline 1 \ 0 \ 6 \ 9 \ 4 \ 5 \ 8 \end{array}$$

$$\begin{array}{r} 2 \quad 8 \ 5 \ 4 \\ \quad 8 \ 5 \ 4 \\ + \ 9 \ 0 \ 8 \ 5 \\ \hline 1 \ 0 \ 7 \ 9 \ 3 \end{array}$$

$$\begin{array}{r} 3 \quad 8 \ 2 \ 1 \ 5 \ 1 \\ \quad 8 \ 1 \ 9 \ 6 \ 5 \\ + \ 9 \ 2 \ 7 \ 4 \ 1 \ 5 \\ \hline 1 \ 0 \ 9 \ 1 \ 5 \ 3 \ 1 \end{array}$$

$$\begin{array}{r} 4 \quad 8 \ 0 \ 1 \\ \quad 5 \ 7 \ 1 \\ + \ 7 \ 9 \ 9 \ 7 \ 9 \ 2 \\ \hline 8 \ 0 \ 1 \ 1 \ 6 \ 4 \end{array}$$

$$\begin{array}{r} 5 \quad 7 \ 0 \ 9 \ 2 \\ \quad 4 \ 8 \ 1 \ 7 \\ + \ 9 \ 7 \ 1 \ 6 \ 6 \\ \hline 1 \ 0 \ 9 \ 0 \ 7 \ 5 \end{array}$$

$$\begin{array}{r} 6 \quad 8 \ 5 \ 0 \ 4 \\ + \ 9 \ 8 \ 3 \ 2 \ 8 \\ \hline 1 \ 0 \ 6 \ 8 \ 3 \ 2 \end{array}$$

13

Summer
Vacation

14

- 1- Fire
- 2- A watch
- 3- Your name
- 4- Sponge
- 5- Time to repair the fence
- 6- A secret
- 7- Envelope
- 8- A towel
- 9- Stamp
- 10- A deck of cards
- 11- Your age
- 12- Your futur

15

- 1-Golf, 2-Sprout, 3-
Baseball, 4-Easter, 5-
Flowers, 6-Picnic, 7-June,
8-Garden, 9-April, 10-
Sunshine, 11-Season, 12-
Windy, 13-Daffodil, 14-Kite,
15-Wedding, 16-Green, 17-
Raincoat, 18-Butterfly