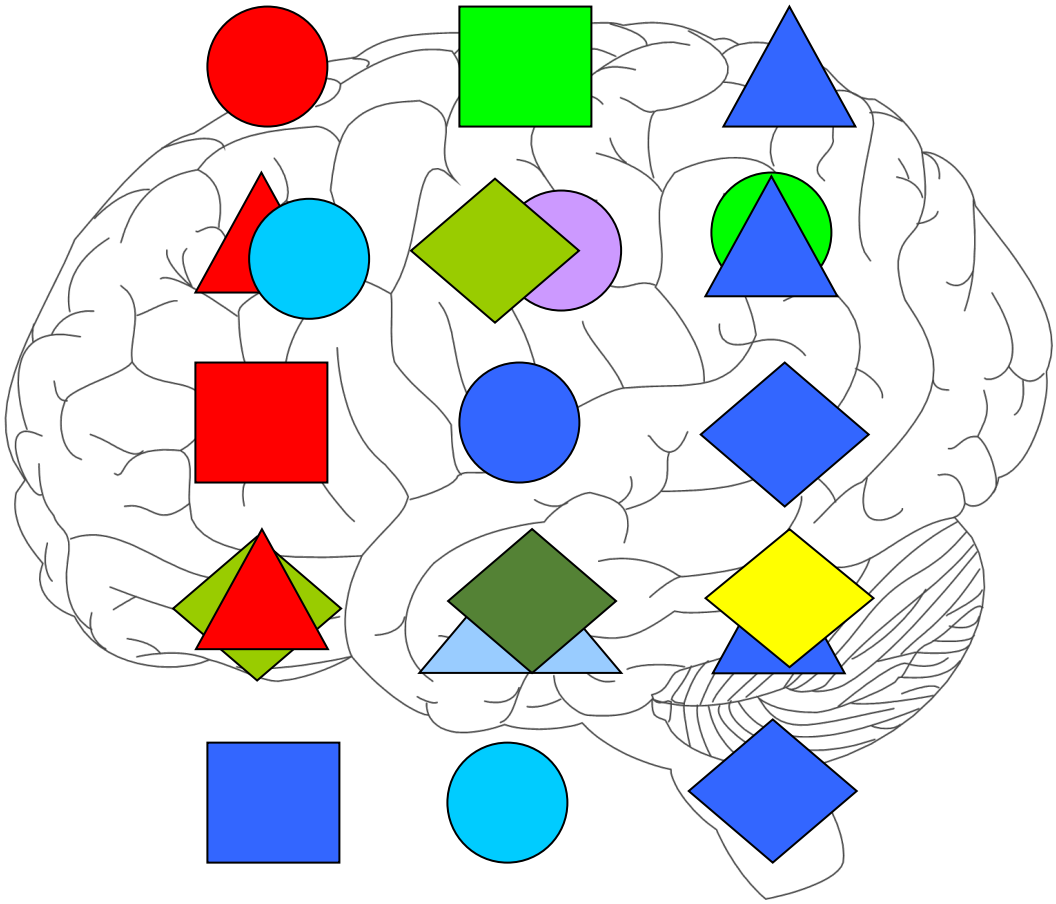
Reasoning and Memory: (RAM)
Carefulness and Mindfulness



By
Art McKenna, Psy.D.

2016

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You are not to use these tasks as diagnostic tools or assessment instruments; these tasks are not a measure of intelligence or a measure of any psychological concept or variable. You are not to use these tasks as outcome measures. There are no implicit or explicit guarantees of a cure or success. The advice and strategies contained herein may not be suitable for your situation. You should consult with a competent professional in your field where appropriate. I am not liable for any loss of profit or any other commercial damages, including but not limited to specific, incidental, consequential, or other damages.

Introduction
Cognitive Flexibility: Mindfulness and Carefulness.

Expanding your sense of uniqueness is when you perform a task so that you can develop your ability to concentrate and to have a sense healthy realism. In the Psychology of Being Unique (PBU), you want to develop a healthy sense of reality. When you expand your uniqueness, you tend to enjoy trying new activities because you can concentrate at one thing at a time, you are in the "here and now," and you are responsive rather than reactive. PBU claims that you are realistic, accurate, and alert; you tend to follow instructions and maintain mental sets.

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Example: Find the common letter in all five rows? The letter has to be in all five boxes

1 V	a A	b W
2 B	a M	b A
3 A	a B	b C
4 C	a A	b T
5 C	a B	b A

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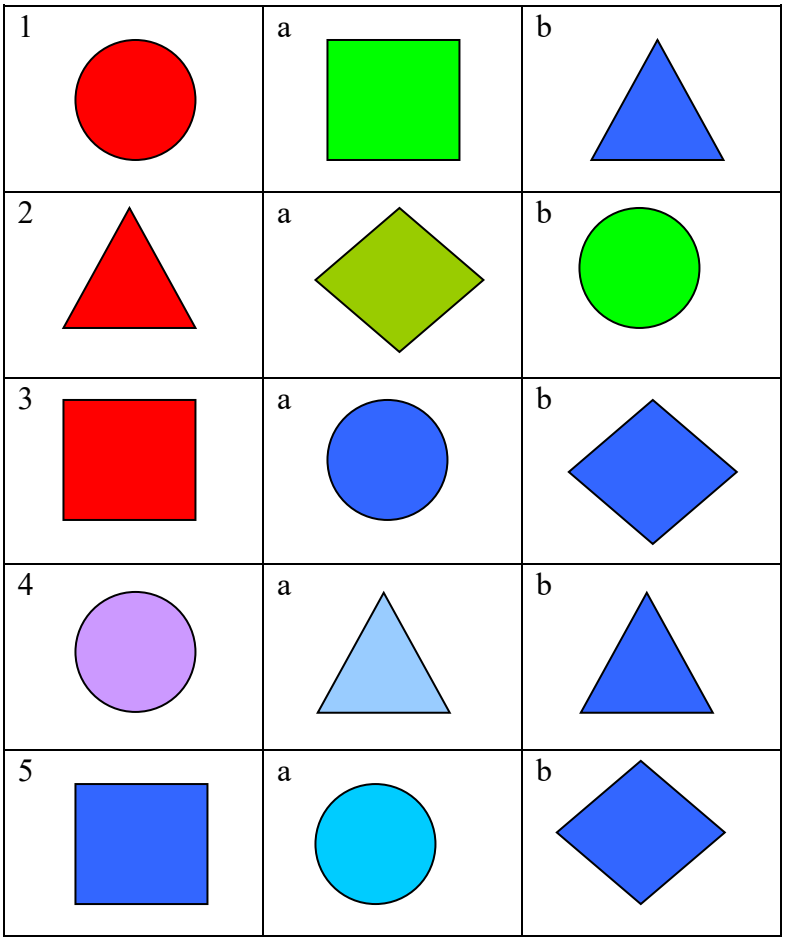
Set One: What is the common shape in all five rows?



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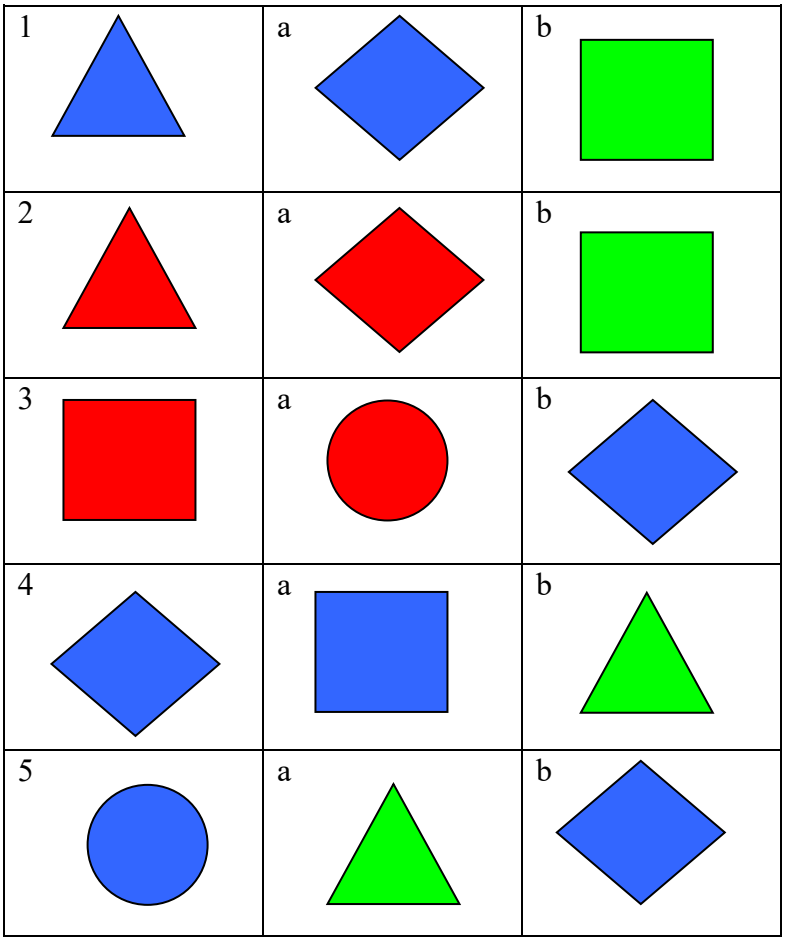
Set Two: What is the common shape in all five rows?



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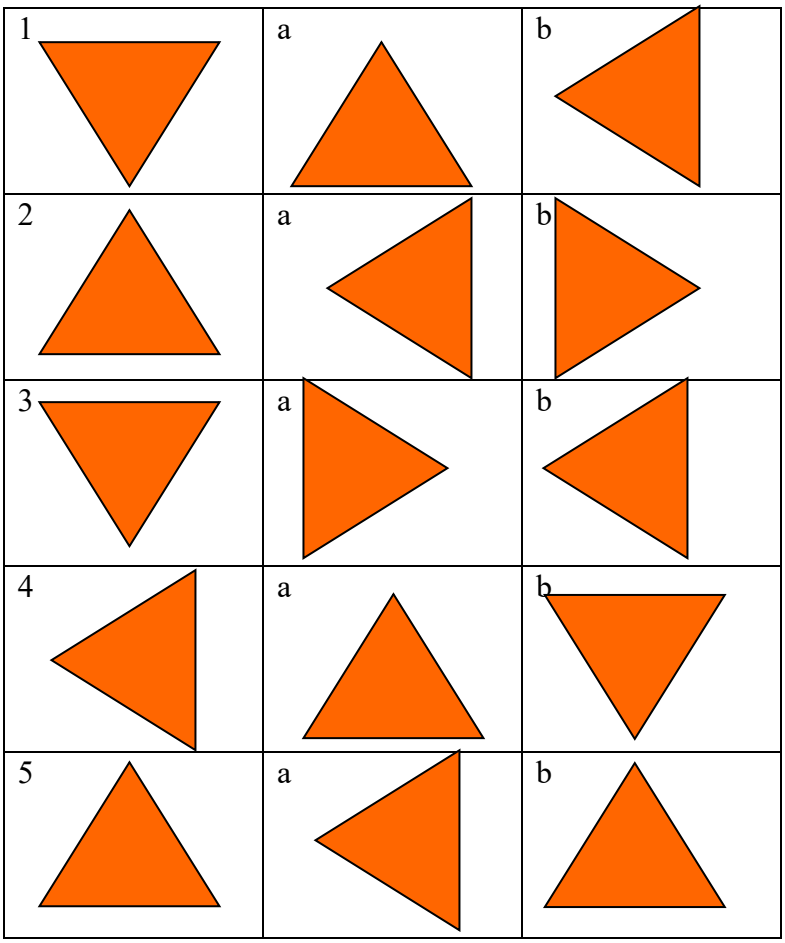
Set Three: What is the common shape in all five rows?



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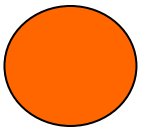
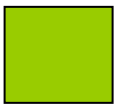
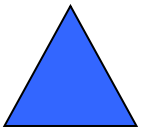
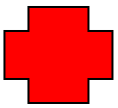
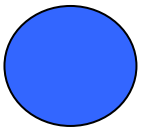
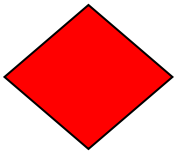
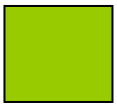
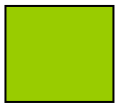
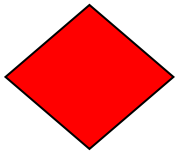
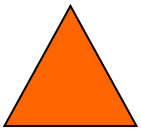
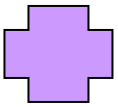
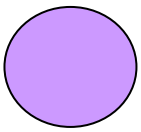
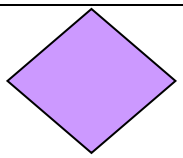
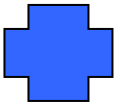
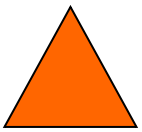
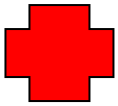
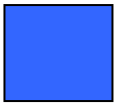
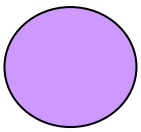
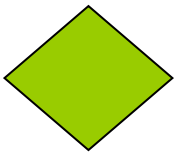
Set Four: What shape is common in all five rows?

1 	a 	b 	c 
2 	a	b 	c 
3 	a 	b 	c 
4 	a 	b 	c 
5 	a 	b 	c 

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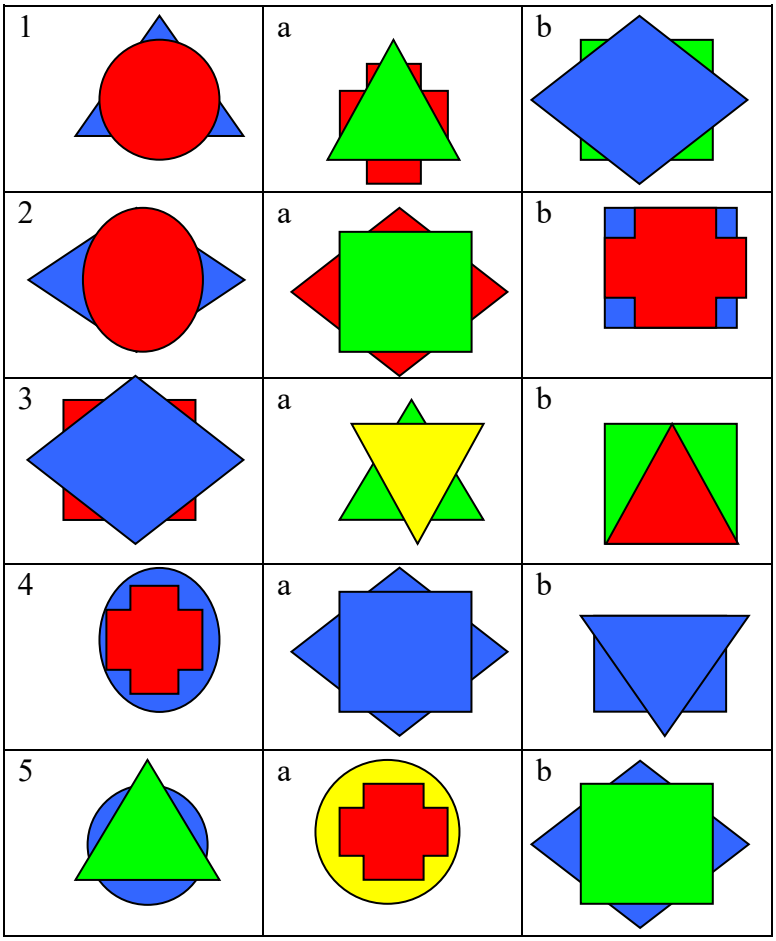
Set Fix: What shape is common in all five rows? Look for the shape and ignore the colors.



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Two Person Exercise

UI 25: Working Memory I: Number Span and Remember the Word: "I'm going to say some numbers and letters. The letters will spell a simple word. In this example 6-**C**-1-**A**-2-**T**-9, the word was CAT and the numbers were 6-1-2-9."

2-**T**-5-**H**-8-**E**-3	[] THE	[] 2-5-8-3
3-**B**-8-**O**-6-**Y**-3	[] BOY	[] 3-8-6-3
6-**R**-1-**A**-5-**N**-8	[] RAN	[] 6-1-5-8
8-**T**-4-**W**-2-**O**-3	[] TWO	[] 8-4-2-3
5-**M**-7-**I**-4-**L**-1-**E**-3-**S**	[] MILES	[] 5-7-4-1-3

What sentence did the words make? [ ] The boy ran two miles.

8-**H**-4-**I**-2-**S**-3	[] HIS	[] 8-4-2-3
3-**E**-8-**A**-9-**R**-1	[] EAR	[] 3-8-9-1
4-**W**-2-**A**-3-**S**-6	[] WAS	[] 4-2-3-6
9-**R**-8-**E**-5-**D**-7	[] RED.	[] 9-8-5-7

What sentence did the words make? [ ] His ear was red.

3-T-6-H-7-E-1	[] THE	[] 3-6-7-1
4-F-5-O-7-X-9	[] FOX	[] 4-5-7-9
3-A-1-T-3-E-4	[] ATE	[] 3-1-3-4
5-T-9-H-1-E-6	[] THE	[] 5-9-1-6
4-H-1-E-3-N-5	[] HEN	[] 4-1-3-5

What sentence did the words make? [ ] The fox ate the hen.

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Two Person Exercise

UI 25: Working Memory II: Number Span and Remember the Word: "I'm going to say some numbers and letters. The letters will spell a simple word. In this example 6-**C**-1-**A**-2-**T**-9, the word was CAT and the numbers were 6-1-2-9." (Note: if person finds this task difficult, just ask for the word or just the numbers_

2-**W**-5-**H**-8-**Y**-3	[] WHY	[] 2-5-8-3
5-**D**-8-**I**-6-**D**-4	[] DID	[] 5-8-6-4
6-**S**-8-**H**-1-**E**-4	[] SHE	[] 6-8-1-4
8-**R**-4-**U**-2-**N**-3	[] RUN	[] 8-4-2-3
5-**O**-7-**F**-4-**F**-1-	[] OFF	[] 5-7-4-1-

What sentence did the words make? [ ] Why did she run off?.

8-H-4-I-2-S-3	[] HIS	[] 8-4-2-3
3-H-8-A-9-T-1	[] HAT	[] 3-8-9-1
4-F-2-E-3-L-6-L-8	[] FELL	[] 4-2-3-6-8
9-i-8-n-5-t-7-o-2	[] INTO.	[] 9-8-5-7-2
5-T-3-H-9-E-2	[] THE	[] 5-3-9-2
7-M-3-U-9-D-5-	[] MUD	[] 7-3-9-5

What sentence did the words make? [ ] His hat fell into the mud.

3-D-6-I-7-D-1	[] DID	[] 3-6-7-1
4-M-5-O-7-M-9	[] MOM	[] 4-5-7-9
3-H-1-A-8-V-5-E-2	[] HAVE	[] 3-1-8-5-2
5-F-9-U-1-N-6	[] FUN	[] 5-9-1-6
4-S-1-k-3-i-5-i-2-n-6-g	[] SKIING	[] 4-1-3-5-2-6

What sentence did the words make? [ ] Did Mom have fun skiing.

From Memory I: How far did the boy run? _____
What did the fox eat? _____
What was red? _____

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Two Person Exercise

UI 25: Positional Working Memory: Words

One person reads a list of words. For example, one person says "red, green, blue, and yellow." Then that person will ask what was the third color was. In this example, you would say… (blue).

1. alert	attentive	active	agile		What was the	3rd word?	[]
2. worry	concern	trouble	dismay			2nd	[]
3. fast	quick	hasty	swiftly	immediately		5th	[]
4. sluggish	slow	delay	unhurried	procrastinating		1st	[]
5. gentle	tender	pleasant	warm	kind	empathic	2nd	[]
6. untamed	wild	reckless	unruly	fierce	mad	3rd	[]

correct____/6

"Now I'm going to say some more words. Remember the exact order in which I say them."

1. oats	wheat	barley	corn		What was the	4th word?	[]
2. apple	banana	peach	plumb	orange		3rd	[]
3. trout	bass	salmon	sunfish	catfish		2nd	[]
4. pencil	crayon	brush	pen	chalk		3rd	[]
5. table	swing	bench	sofa	stool	chair	1st	[]
6. wheat	plumb	sofa	pencil	salmon	cat	3rd	[]

"Now, I am going to ask you to remember the sum of simple math problems. Remember each answer and then add them together. For example: 2+2= ___ and 1+3=___. The answer is ____ (8).

					Response	Answer
1.	3+3=	4+8=			_____[]	18
2.	4+2=	5+2=	7+4		_____[]	24
3.	5+1=	5+8=	6+5		_____[]	30
4.	8+3=	7+4=	3+6		_____[]	31
5.	6+2=	3+6=	2+7	3+3=	_____[]	32
6.	4+8=	5+2=	3+8	4+2=	_____[]	36

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Study list of words
UI 25 Word List: Meaningful Memory – Feeling Words

Hesitant	**Tentative**
Friendly	**Warmth**
Furious	**Hateful**
Hostile	**Betrayed**
Encouraged	**Energetic**
Reluctant	**Baffled**
Anxious	**Doubtful**
Excited	**Uplifted**
Glad	**Tranquil**
Hopeful	**Appreciated**
Resentful	**Ridiculed**
Assertive	**Competent**

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Circle the answer that is the best match.

1.	**Glad**	(a) happy	(b) mad	(c) calm	(d) confused
2.	**Hopeful**	(a) disliked	(b) esteemed	(c) helpful	(d) kindness
3.	**Hostile**	(a) beware	(b) jeered	(c) uncertain	(d) dishonored
4.	**Friendly**	(a) proficient	(b) calm	(c) kindness	(d) despicable
5.	**Excited**	(a) entertained	(b) mocked	(c) esteemed	(d) enterprising
6.	**Anxious**	(a) scared	(b) worried	(c) confused	(d) ambiguous
7.	**Reluctant**	(a) confused	(b) tense	(c) elevated	(d) ambiguous
8.	**Assertive**	(a) proficient	(b) certain	(c) esteemed	(d) elevated
9.	**Hesitant**	(a) dishonored	(b) uncertain	(c) ambiguous	(d) mocked
10.	**Furious**	(a) entertained	(b) despicable	(c) esteemed	(d) mocked
11.	**Encouraged**	(a) jeered	(b) uncertain	(c) dishonored	(d) elevated
12	**Resentful**	(a) mocked	(b) worried	(c) confused	(d) scared

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MEMORY: I will read you a sentence with a word missing at the end of the sentence. I will give you two choices. Remember your choice because I will ask you to recall that choice later. (Auditory Immediate Memory)

Group I: You pick which word you want to remember

1. John crept into the room without a	[] sound	or	[] noise
2. Mary mailed the letter without a	[] stamp	or	[] return address
3. The storm made the air damp and	[] cool	or	[] muggy
4. When you go to bed turn off the	[] television	or	[] light
5. None of his books made any	[] sense	or	[] money
6. The actor was praised for being very	[] convincing	or	[] dramatic
7. He liked lemon and sugar in his	[] tea	or	[] pie

Group II: You pick which word you want to remember

1. Rushing out, Pete forgot to take his	[] coat	or	[] wallet
2. Joan's ring fell into a hole in the	[] street	or	[] ground
3. Bill was soothed by the gentle	[] breeze	or	[] touch
4. There was nothing wrong with the	[] car	or	[] food
5. Matt was wild when he was	[] drunk	or	[] mad
6. Sue was miles off the main	[] street	or	[] track
7. In the morning, Tom took out the	[] trash	or	[] dog

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Date

Group I

#1 The books didn't make any

a[] headlines b[] impact *c[] money* *d [] sense*

#2 The actor was

a[]a comedian *b[] dramatic* *c[] convincing* d [] a male

#3 Bob likes sugar and lemon with his

a[] lemonade b[] pie c[] beer d[] tea

#4 Don't forget to turn off the

a[] stove b[] light c[] radio d[] television

#5 Sneaking in to the room John didn't make a…

a[] peep b[] sound c[] noise d[] whisper

#6 Mary sent the letter without

a[] a stamp b[] an address c[] return address d[] closing the envelop

#7 After the storm, the air was

a[] clean b[] muggy c[] damp d[] cool

Group Recall II

#1 The ____ was OK…

a[] drink b[] car c[] plumbing d[] food

#2 Pete didn't remember his

a[] hat b[] wallet c[] credit care d[] coat

#3 Joan's ring ended up in the …

a[] drain b[] ground c[] street d[] pawn shop

#4 Bill was relaxed by the mild…

a[] music b[] breeze c[] rain d[] touch

#5 Sue got off

a[] street b[] center c[] track d[] line

#6 What did Tom take out…

a[] trash b[] dog c[] lunch d[]

#7 Matt was upset when…

a[] broke b[] mad c[] cheated d[] drunk

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Repeat task: Read list three times

Hesitant	**Tentative**
Friendly	**Warmth**
Furious	**Hateful**
Hostile	**Betrayed**
Encouraged	**Energetic**
Reluctant	**Baffled**
Anxious	**Doubtful**
Excited	**Uplifted**
Glad	**Tranquil**
Hopeful	**Appreciated**
Resentful	**Ridiculed**
Assertive	**Competent**

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Circle the answer that is the best match.

12.	**Glad**	(a) happy	(b) mad	(c) calm	(d) confused
13.	**Hopeful**	(a) disliked	(b) esteemed	(c) helpful	(d) kindness
14.	**Hostile**	(a) beware	(b) jeered	(c) uncertain	(d) dishonored
15.	**Friendly**	(a) proficient	(b) calm	(c) kindness	(d) despicable
16.	**Excited**	(a) entertained	(b) mocked	(c) esteemed	(d) enterprising
17.	**Anxious**	(a) scared	(b) worried	(c) confused	(d) ambiguous
18.	**Reluctant**	(a) confused	(b) tense	(c) elevated	(d) ambiguous
19.	**Assertive**	(a) proficient	(b) certain	(c) esteemed	(d) elevated
20.	**Hesitant**	(a) dishonored	(b) uncertain	(c) ambiguous	(d) mocked
21.	**Furious**	(a) entertained	(b) despicable	(c) esteemed	(d) mocked
22.	**Encouraged**	(a) jeered	(b) uncertain	(c) dishonored	(d) elevated
12	**Resentful**	(a) mocked	(b) worried	(c) confused	(d) scared

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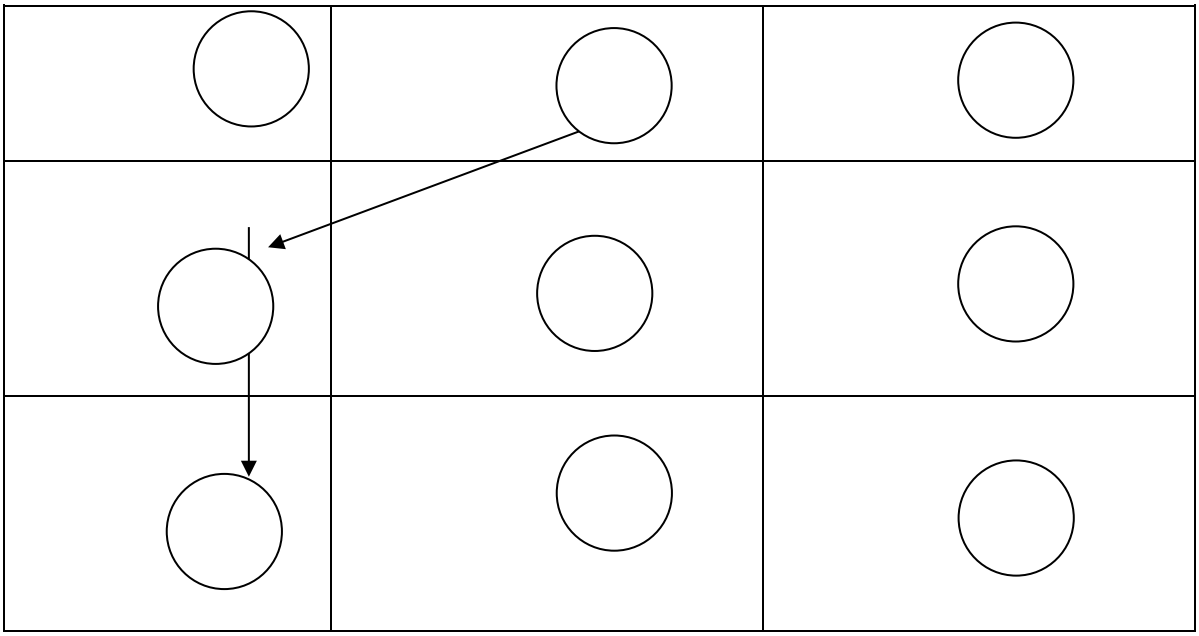
Example 1
Remember the pattern

	1	6
2	5	7
3	4	8

Write the numbers 1, 2, 3, and 4 in the previous position



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Item 1

STUDY FOR 30 SECONDS

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

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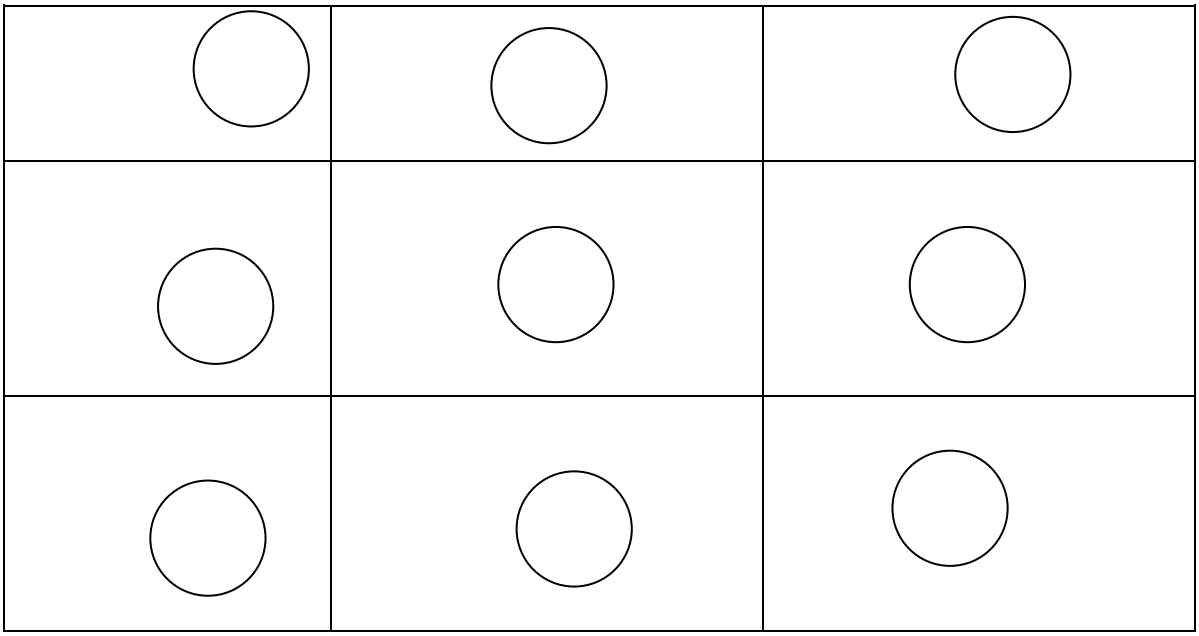
You draw the arrows that from the previous matrix



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E	**D**	**A**
F	**C**	**B**
G	**H**	**I**

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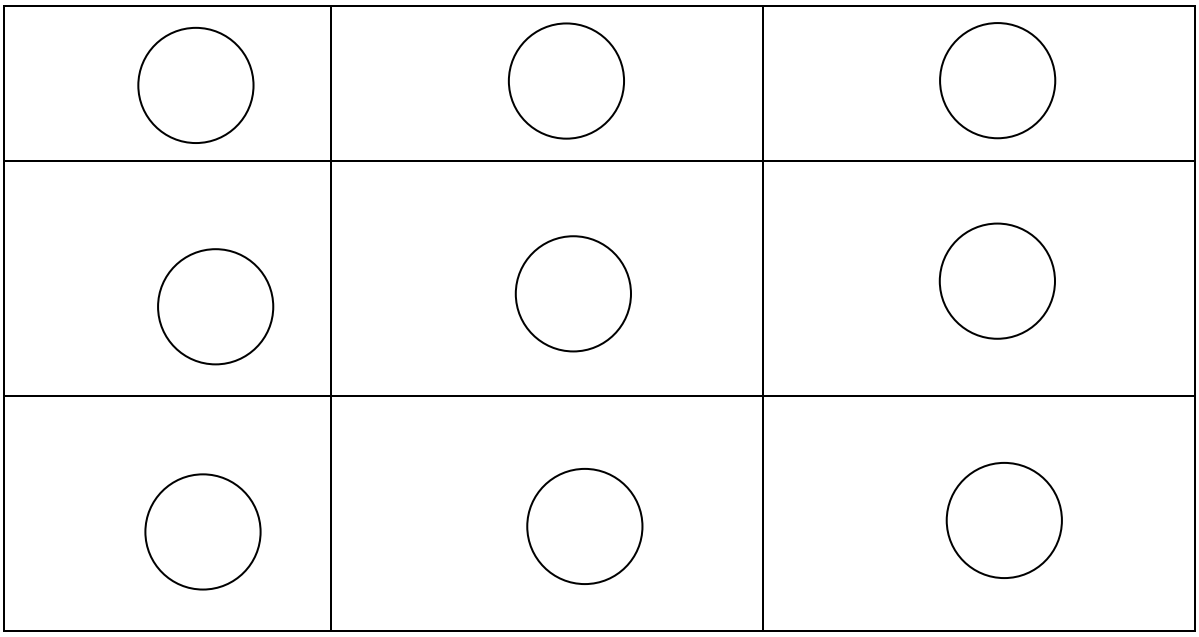
Put letters in the correct boxes



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UI 25
STUDY FOR 30 SECONDS

	1	**7**
	2	**6**
3	**4**	**5**

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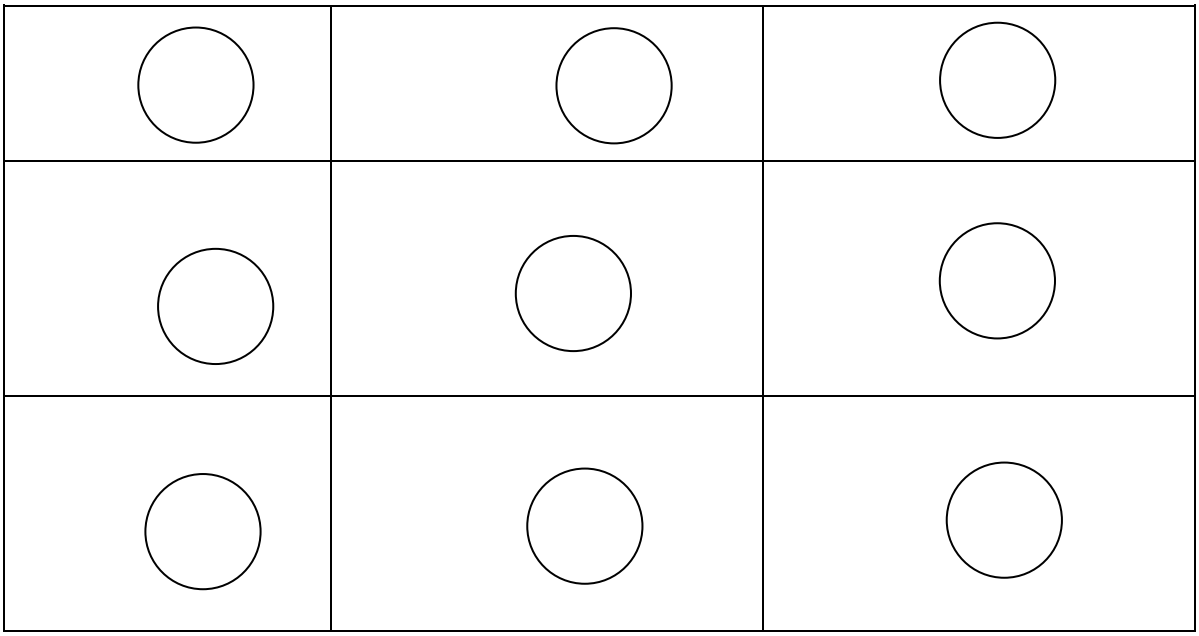

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UI 25
STUDY FOR 30 SECONDS

Only remember the letter or number lower to higher

C	**A**	**3**
D	**I**	**T**
1	**B**	**8**

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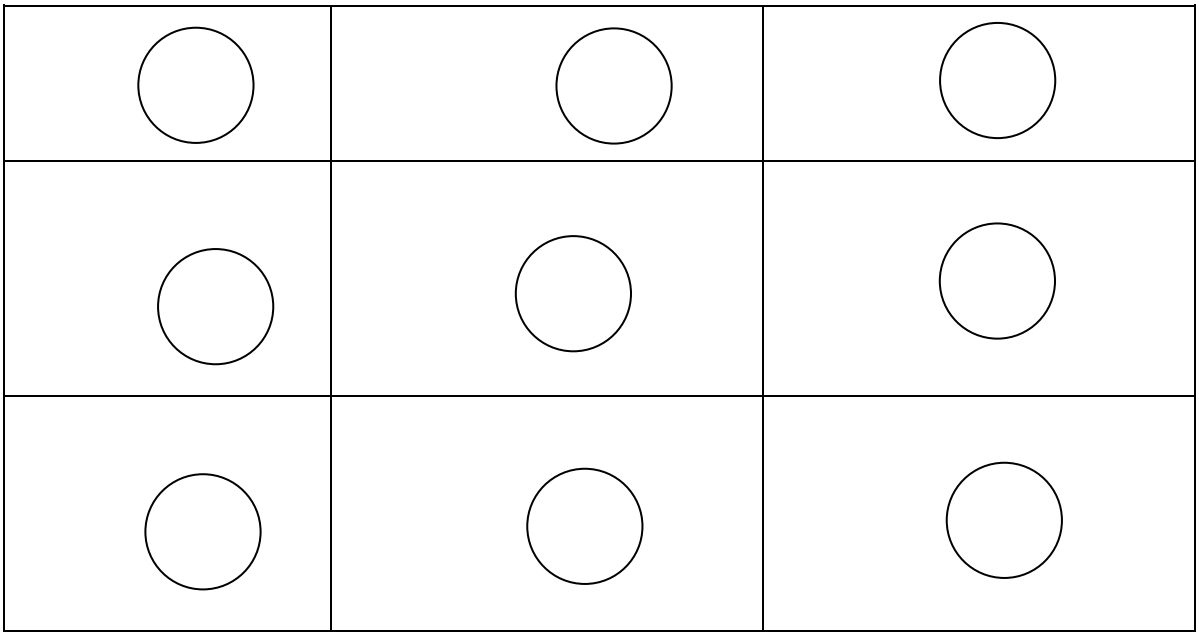

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UI 25 ALTER NUMBERS AND LETTERS: START WITH THE NUMBER
STUDY FOR 30 SECONDS
Just remember the pattern of the numbers

3	**C**	**1**	**F**
B	**A**	**4**	**6**
2	**D**	**5**	**E**

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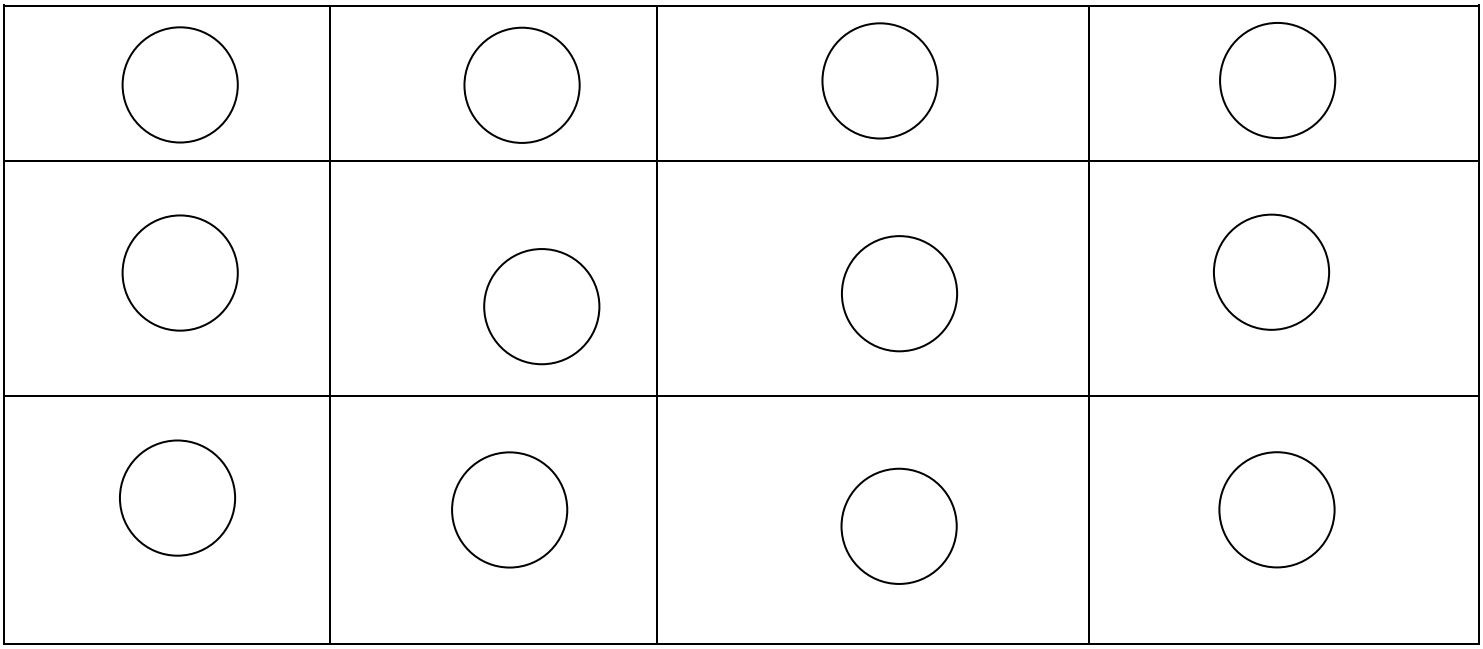

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UI 25
STUDY FOR 30 SECONDS
Just remember the Letters in the Correct Order

B	**3**	**4**	**D**
2	**C**	**5**	**F**
A	**1**	**E**	**6**

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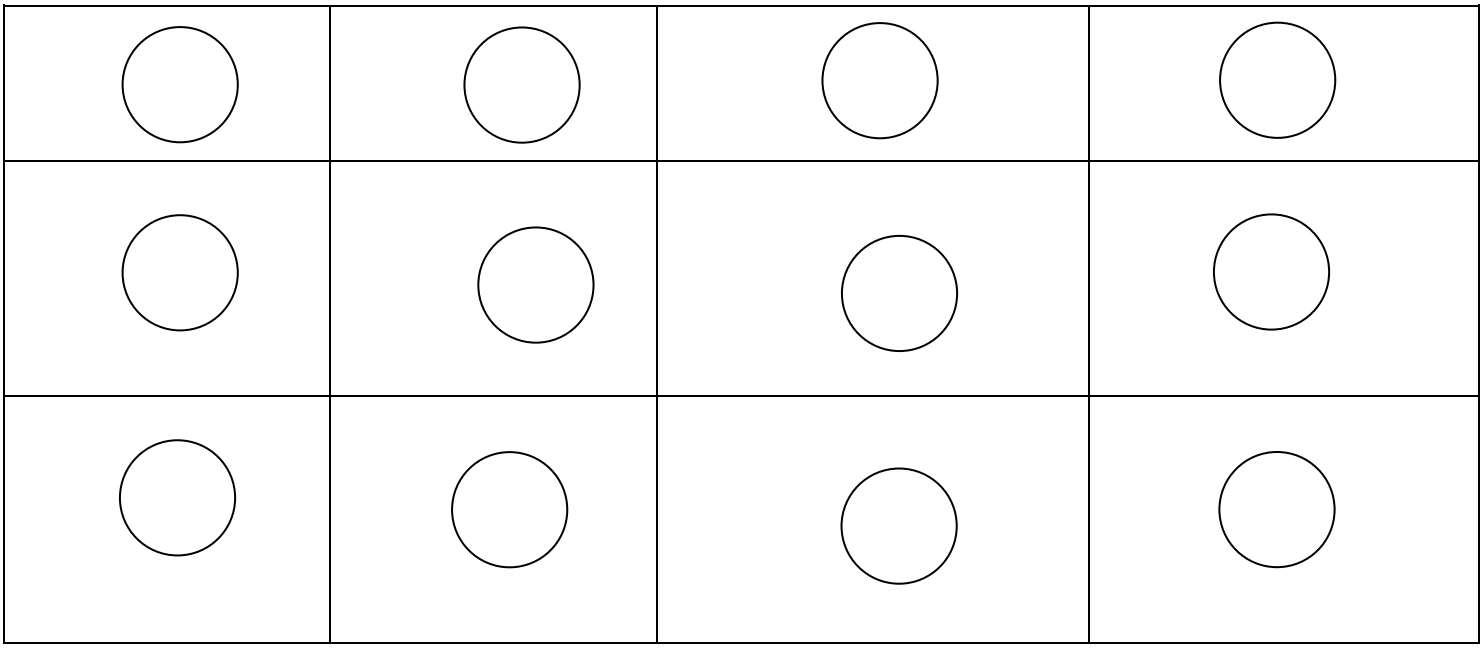

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Just remember the Letters
30 seconds to study

5	**D**	**C**	**3**
E	**4**	**2**	**B**
6	**F**	**1**	**A**

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UI 25

Do not write down the answer on this sheet. You are to remember the numbers in order
You have 90 seconds

20 -19 ?	299 -296 ?	2 X 2 ?
5 +4 ?	5 -3 ?	6÷30
4÷32	4 +3 ?	387 -381 ?

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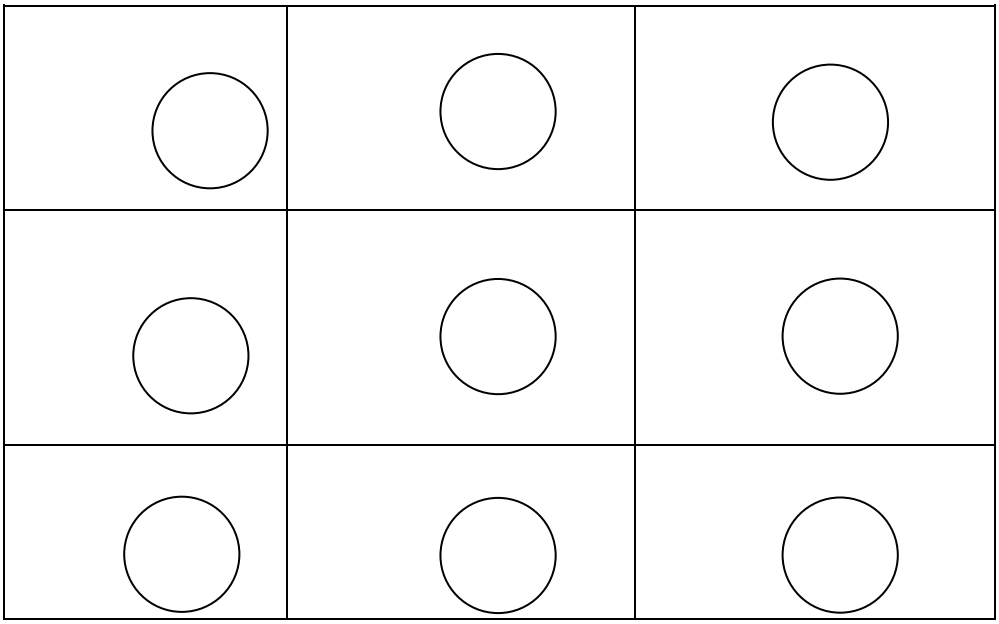
Using arrows draw the pattern you just studied



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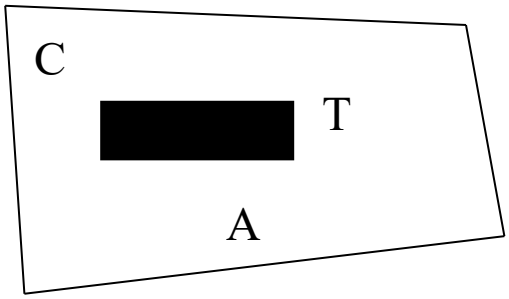
UI 25: On the following page, there are letters surrounding a design. The letter spells out a word. Remember what word goes with what black design. Spell the word in your head. Do not use a pencil to spell the word.

For example



Without going back, you will be asked did the rectangle spell the word bat, cat, dog, or hat,

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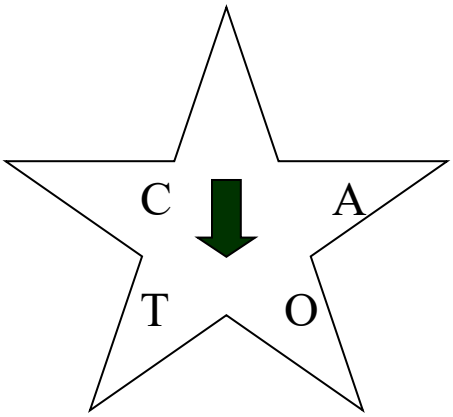
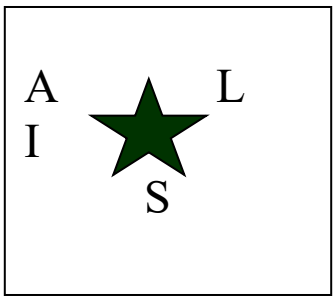
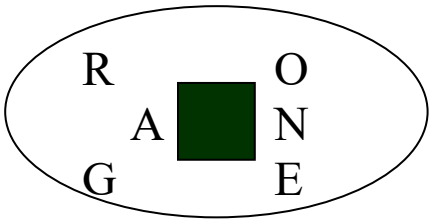
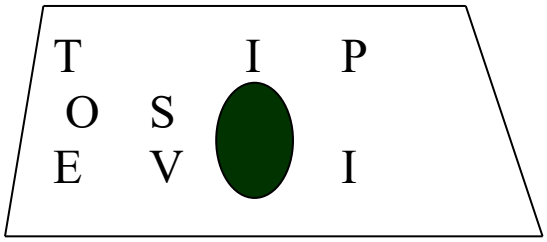
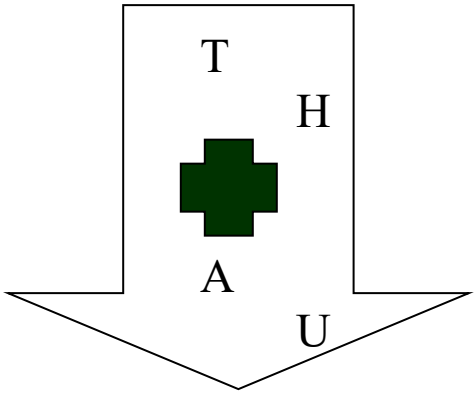
Study for 2 ½ minutes

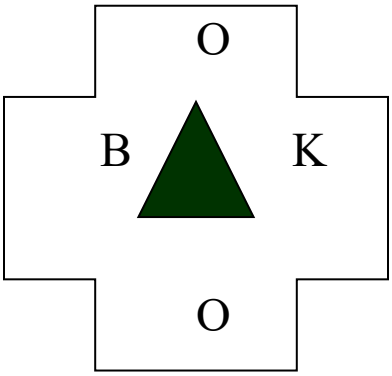


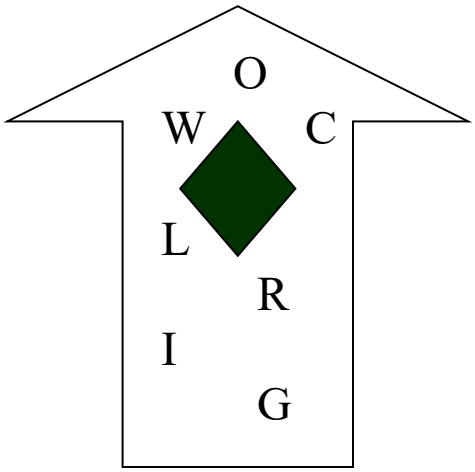


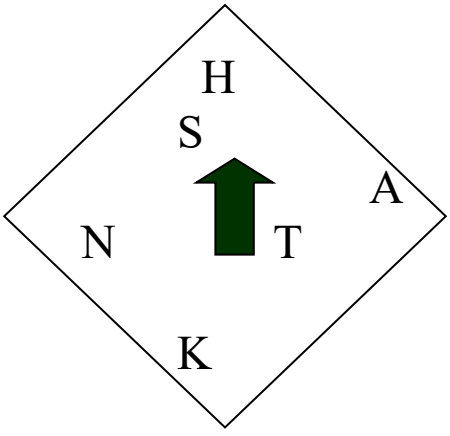












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Do not draw the designs on this page. You have 90 seconds to complete these items. Circle the correct answer.

1. Triangle	BOAT	TOOK	COAT	BOOK	SAIL
2. Star	TAIL	BOOK	SAIL	LOOK	THANKS
3. Diamond	POSITIVE	COWGIRL	THANKS	COAT	UTAH
4. Square	ORANGE	UTAH	SAIL	THANKS	APPLE
5. Oval	ORANGE	COAT	THINKS	POSITIVE	CROSS
6. Down Arrow	THINKS	BOOK	SAIL	COAT	BOAT
7. Cross	THANKS	UTAH	BOOK	COWGIRL	NEVADA
8. Up Arrow	THINKS	COAT	THANKS	BOOK	COWGIRL

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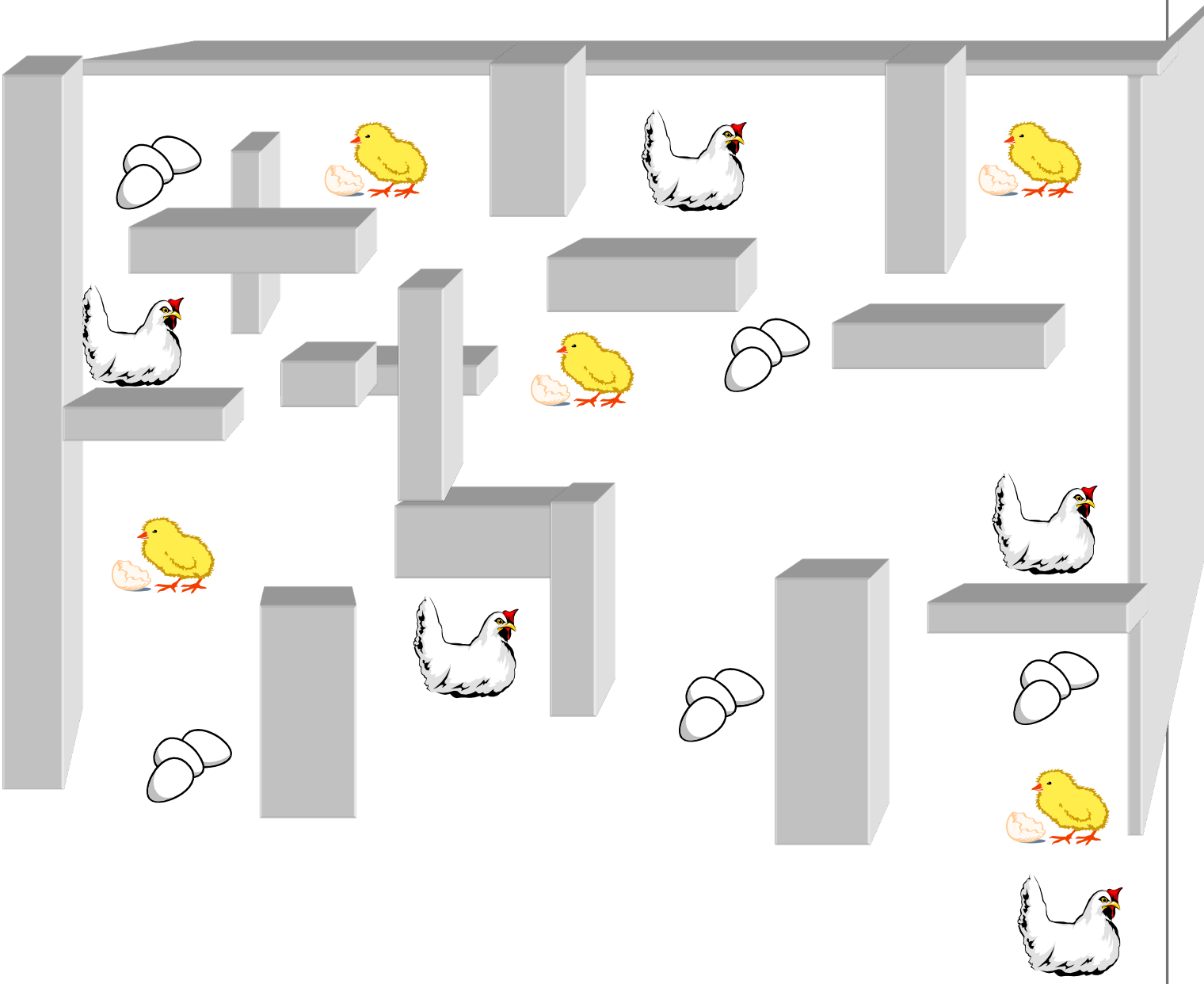
WHICH CAME FIRST MAZE: Find a path that enters the maze, passes through all egg, chick, and hen and exit the maze. Do not use any part of a part more than once. You must have a line to each object in this maze and stick to this order - egg to chick to hen.



Start

Finished

Exit

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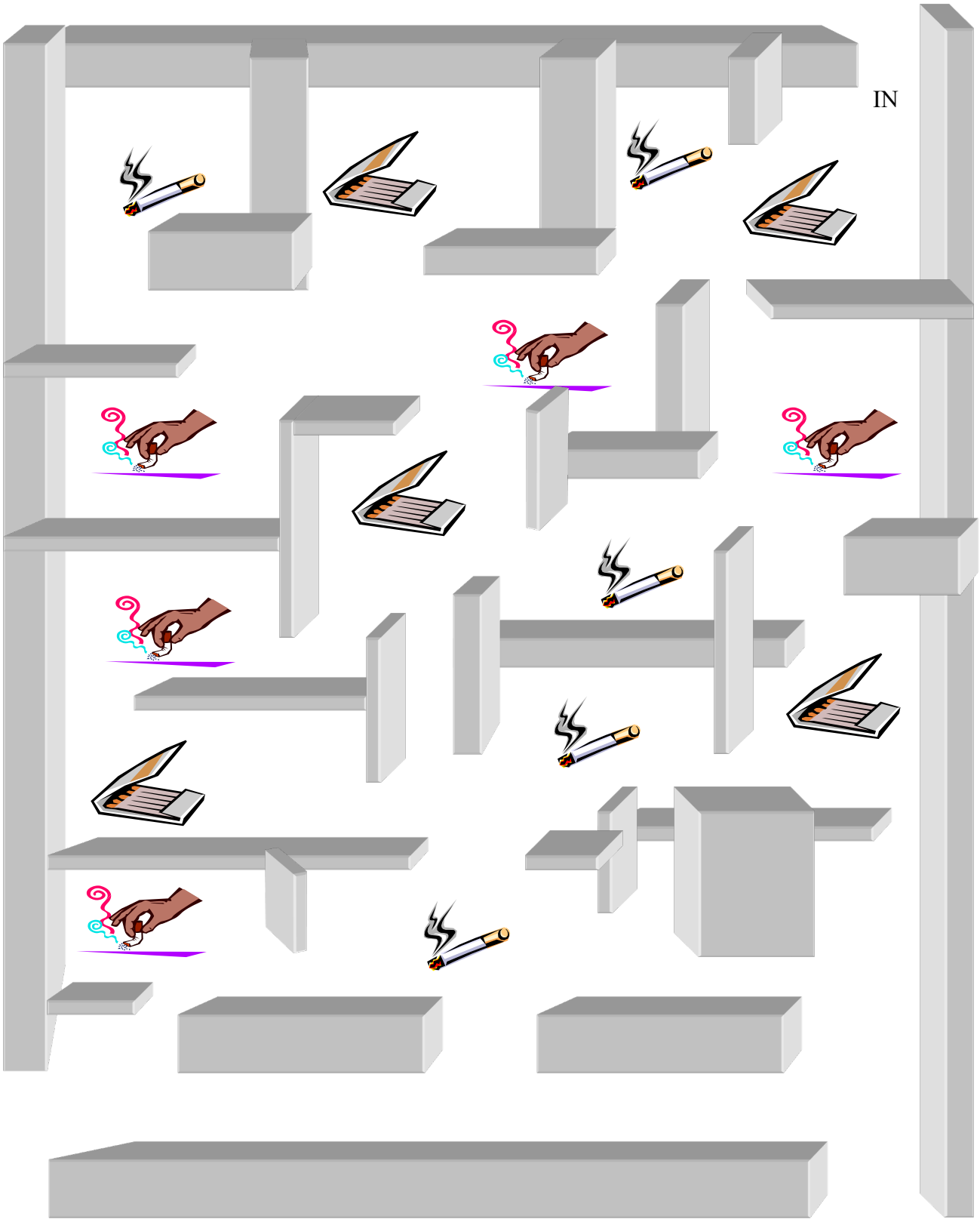
Find a path that enters the maze, passes through all book of matches, cigarette and putting it out and exit the maze. Do not use any part of a part more than once. You must stick to this order: book of matches to cigarette to putting it out.



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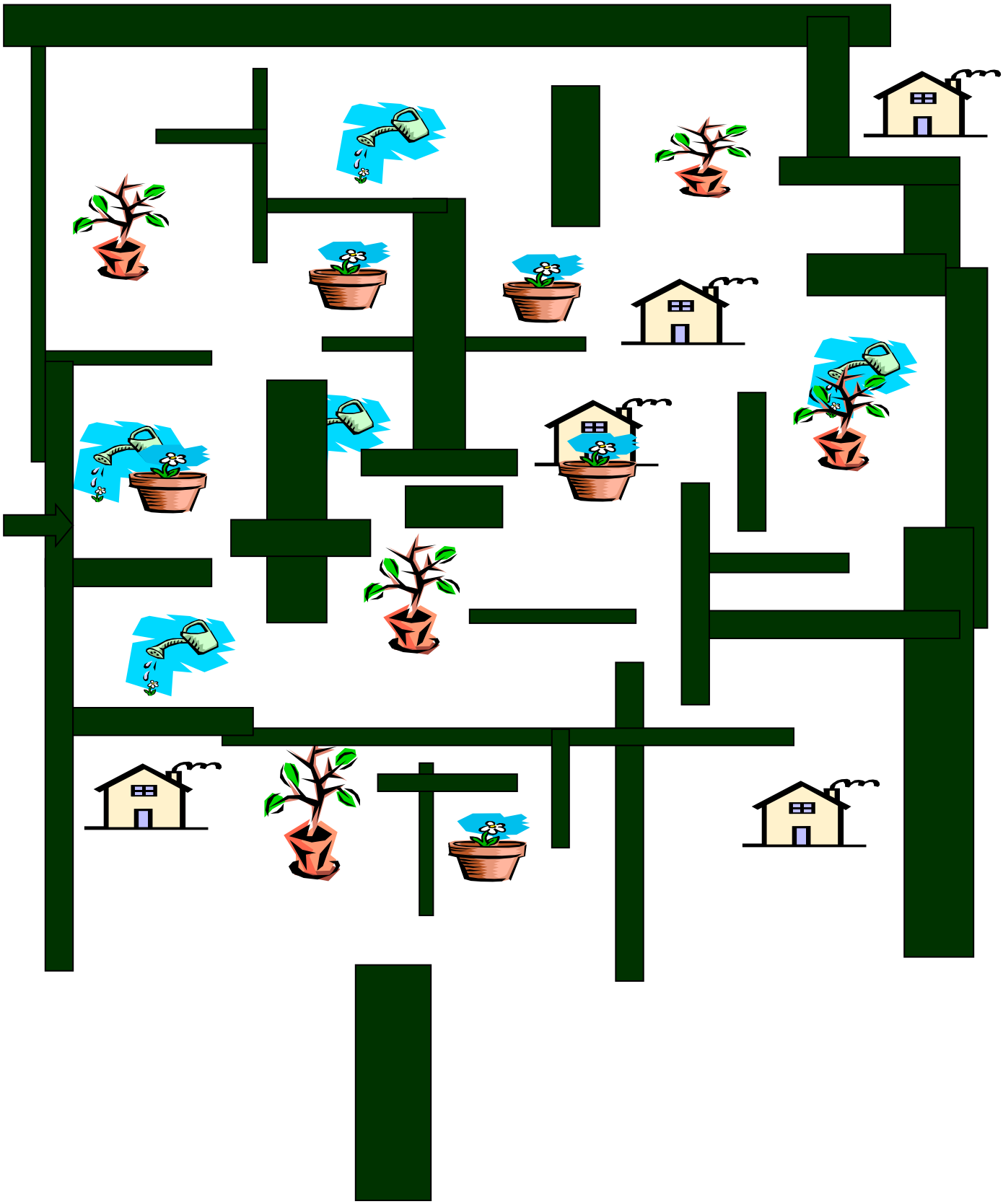
FIX Find a path that enters the maze, passes through all watering can, sprout, and grown plant and exit the maze finishing that order. Do not use any part of a part more than once. You must stick to this order: watering can to sprout to grown plant. You have to draw a line to the objects related to a growing plant.



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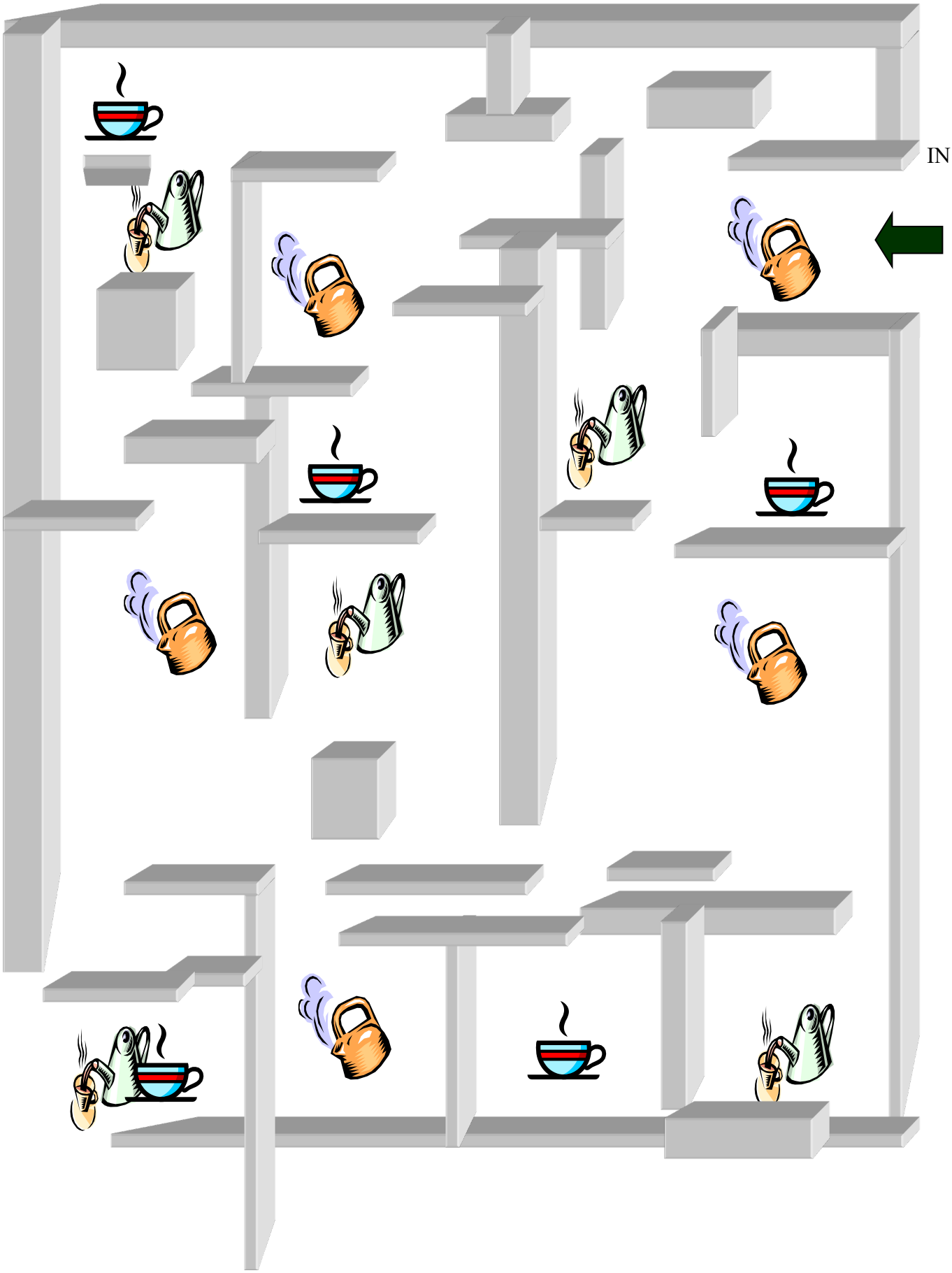

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Three Words: Waiting for the sun to come out - ignore the hens and the houses.

r

i

FINISH

n

u

w

y

o

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v

q

r

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x

e

t

h

y

Start

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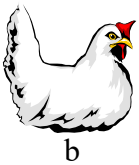
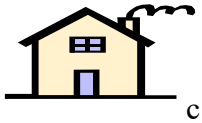
p


b


c

d

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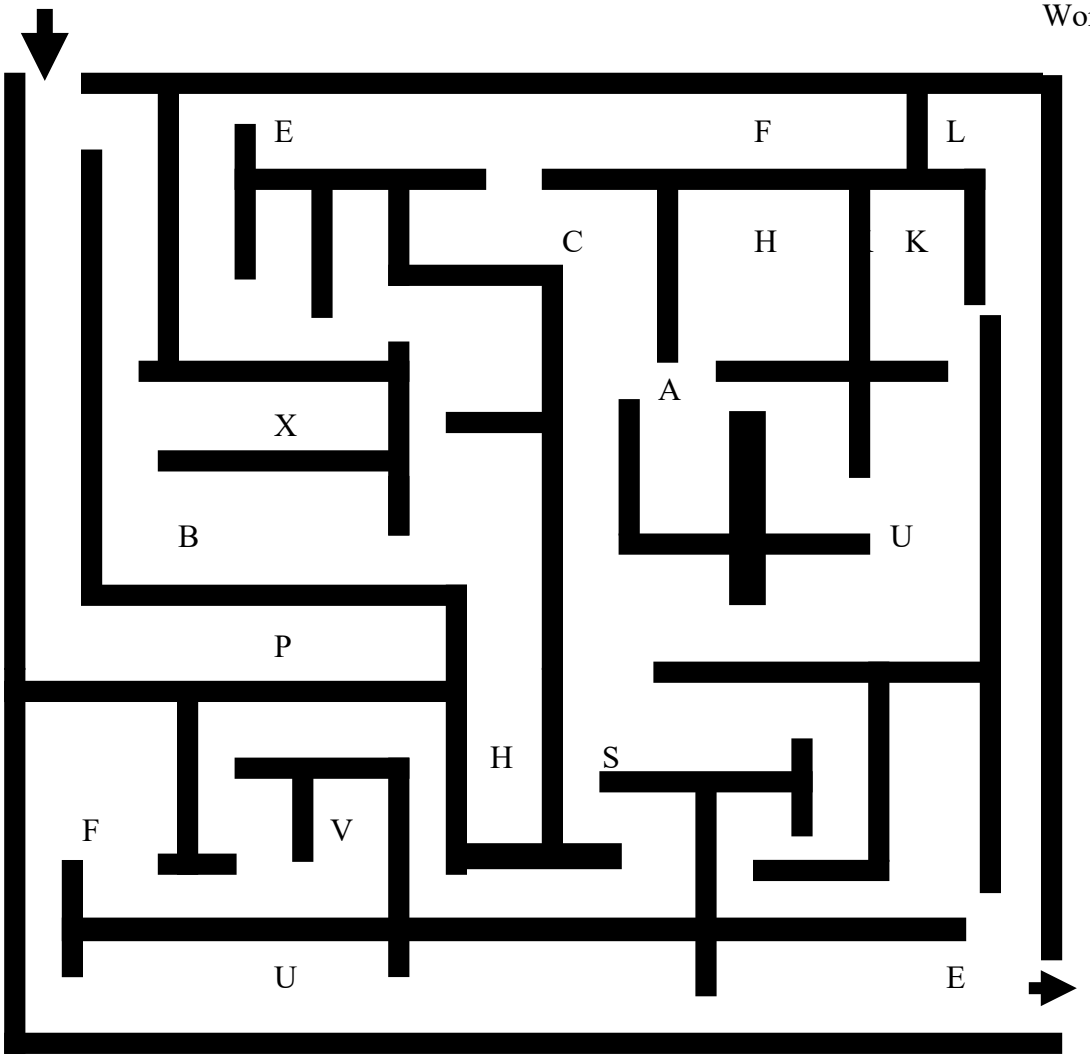

Go through the maze correctly, and what word did this maze spell? Letters that are dead ends are irrelevant.

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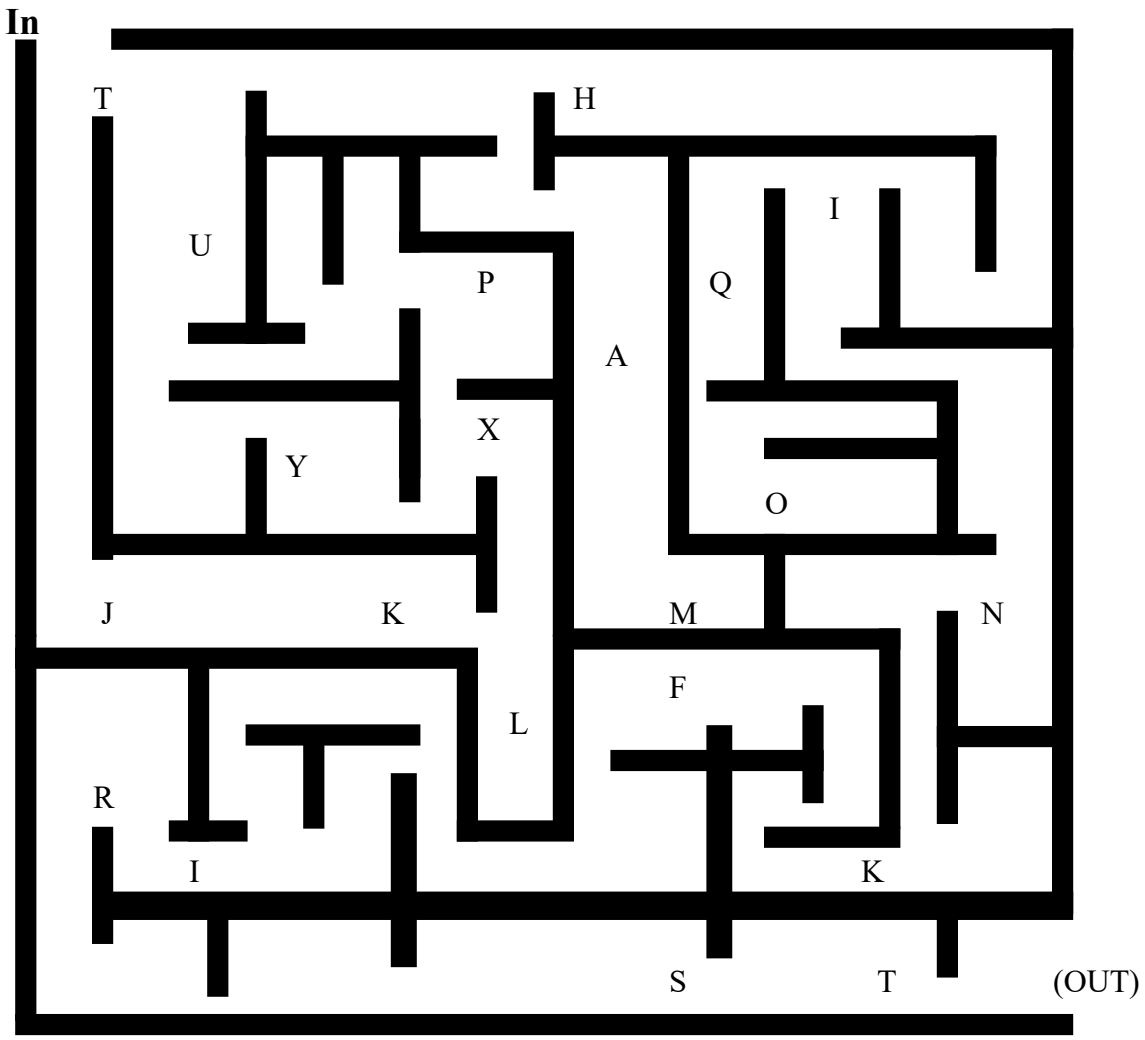
Word 2



Go through the maze correctly, and what two words did this maze spell?

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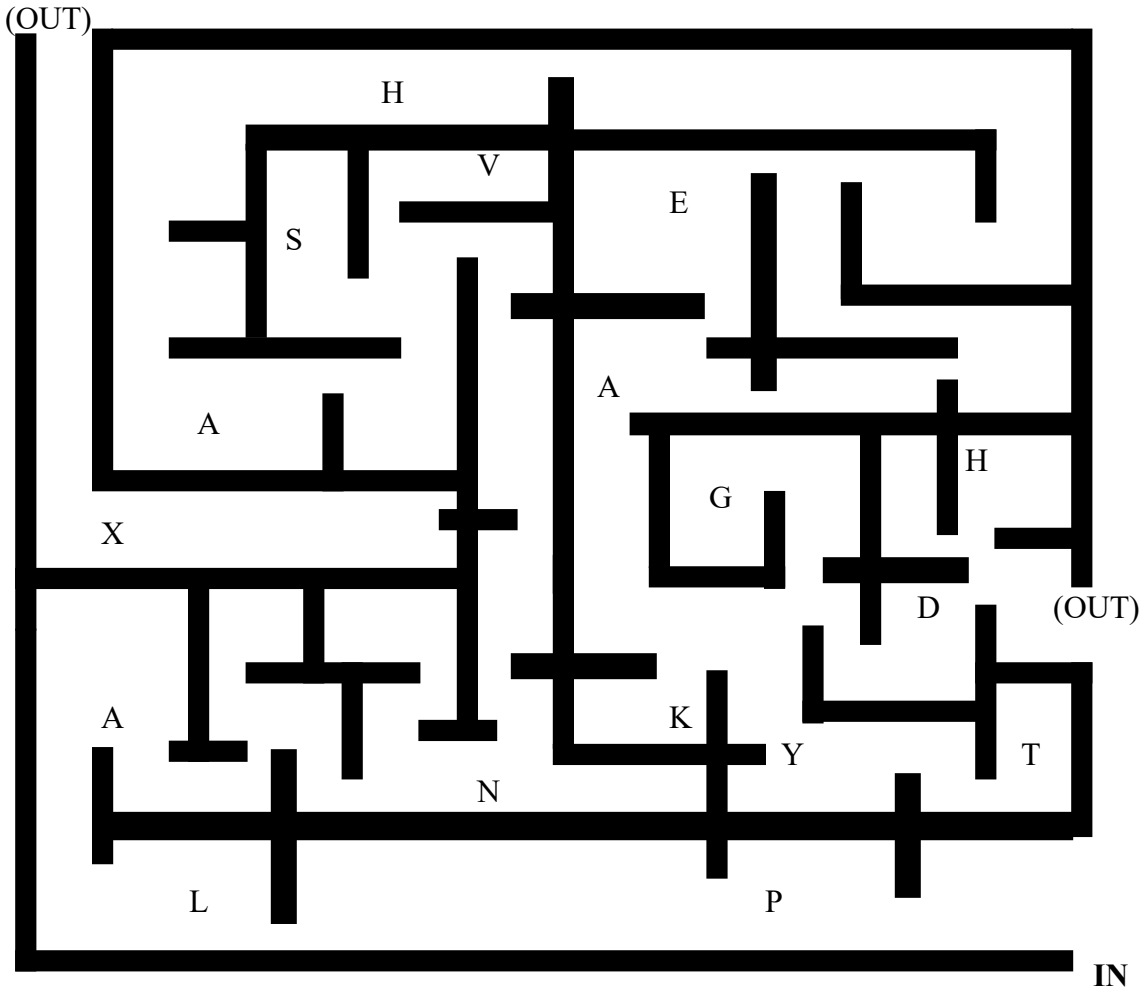
Word #3



Go through the maze correct

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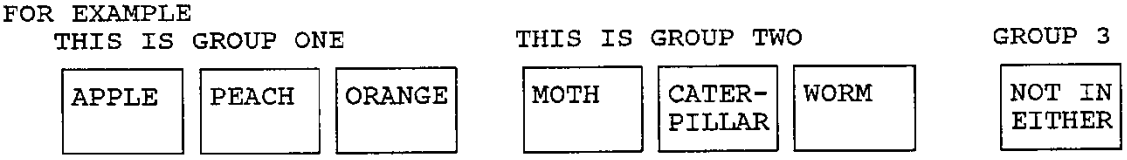
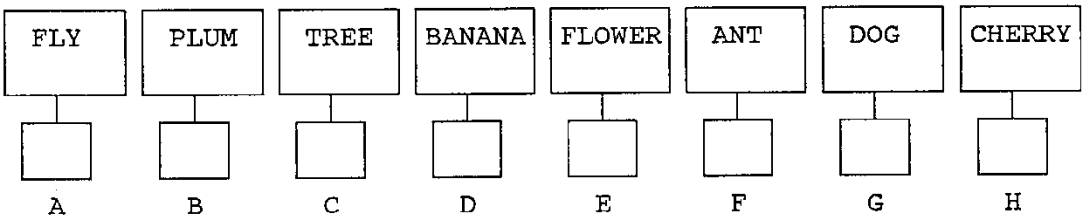
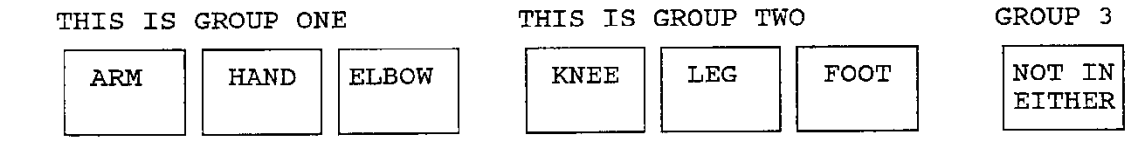
IN THE FOLLOWING TASK, YOU WILL BE ASKED TO GROUP OBJECTS INTO ONE OF THREE GROUPS. FIRST, LOOK AT THE TWO GROUPS. THEN YOUR ARE TO LOOK AT THE OBJECTS LABELED A THOURGH H. PUT 1, 2, OR 3 UNDER THE OBJECT THAT BELONGS TO ONE OF THE THREE GROUPS. WORK A QUICKLY AS YOU CAN. LET'S DO THE EXAMPLE TOGETHER.

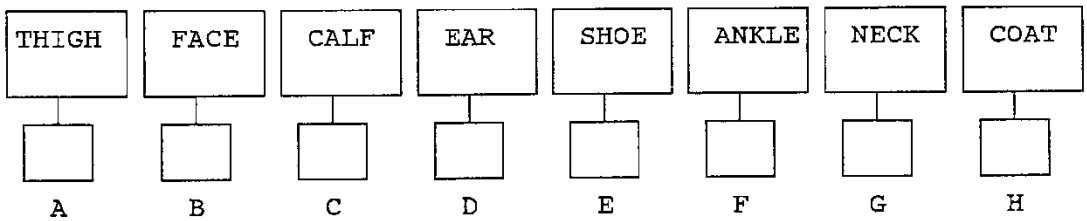
FOR EXAMPLE



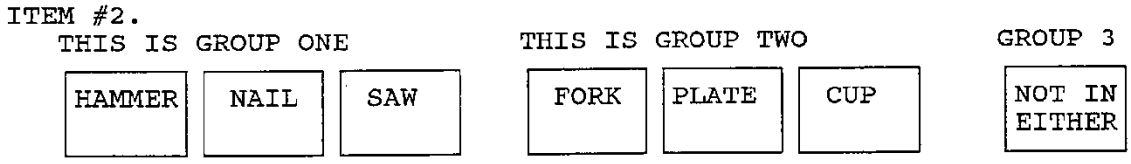


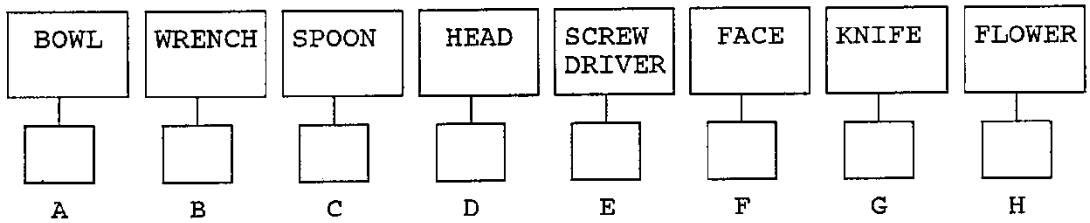
ITEM #1.





ITEM #2.





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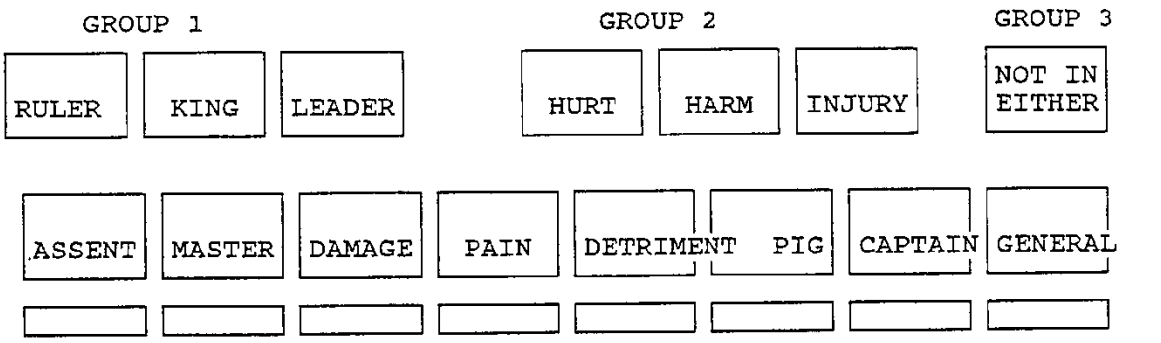

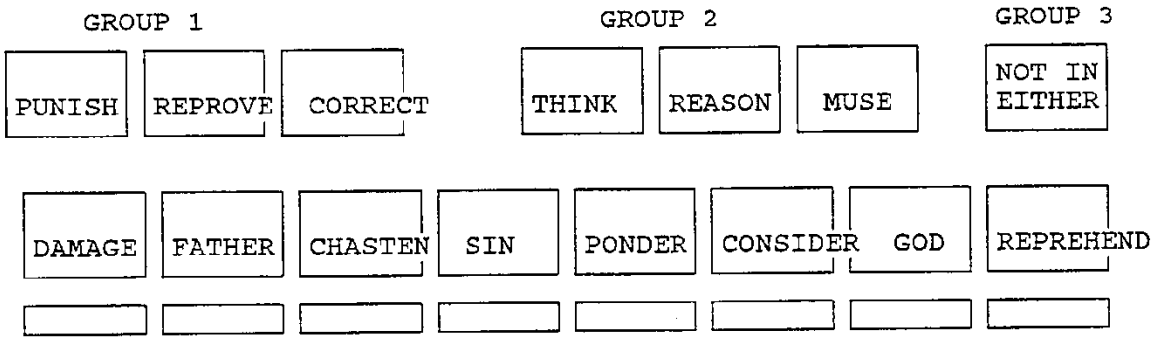

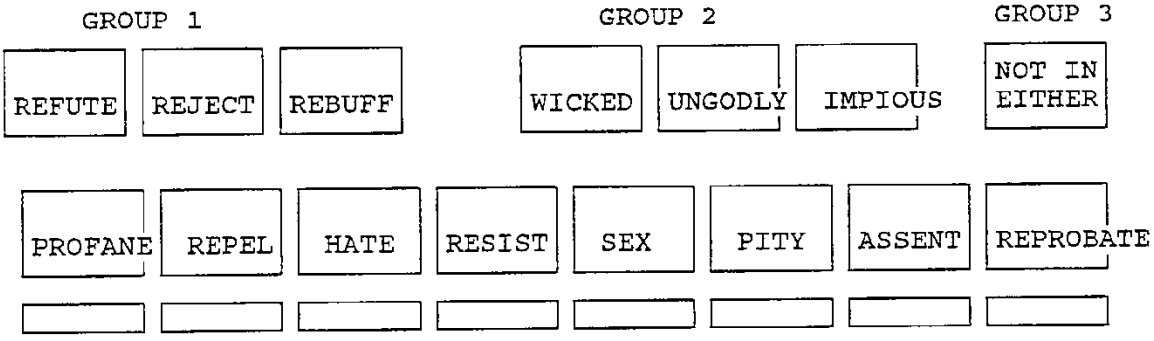

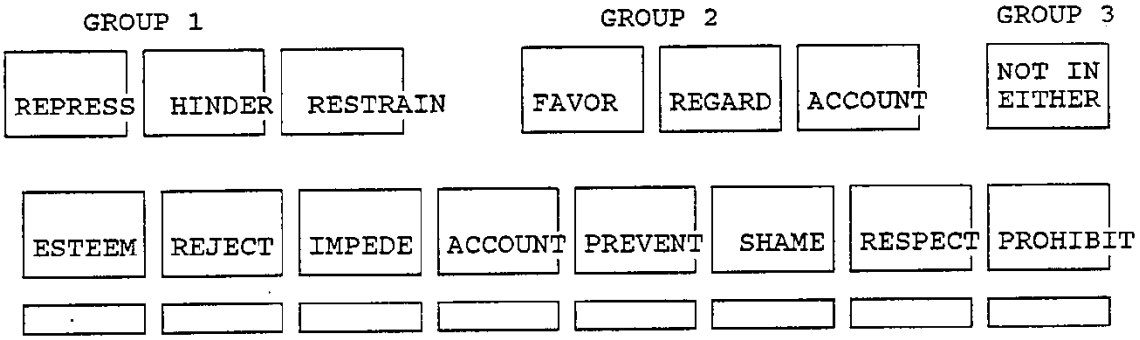

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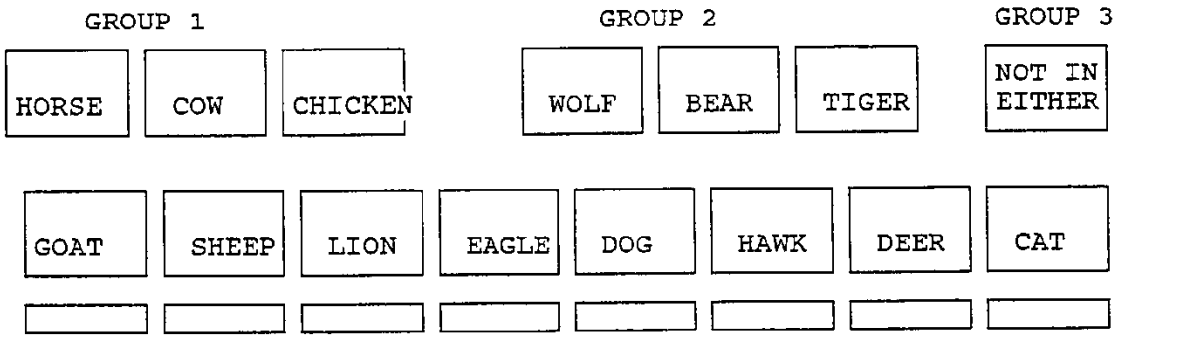

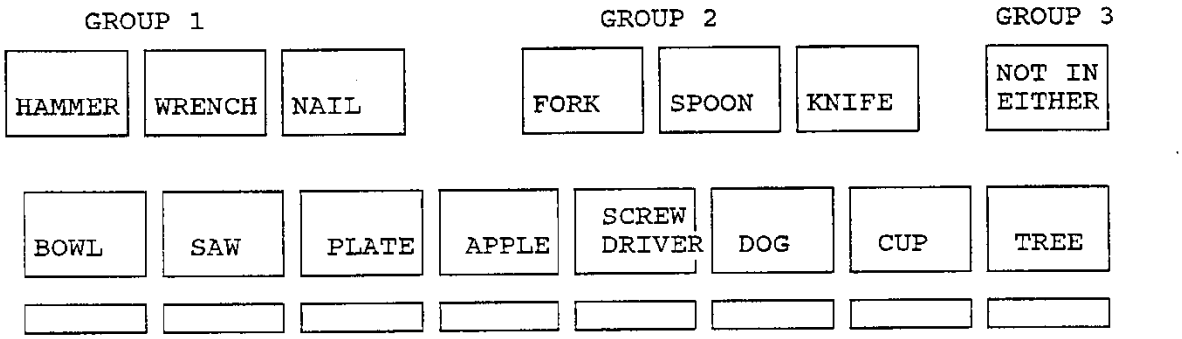

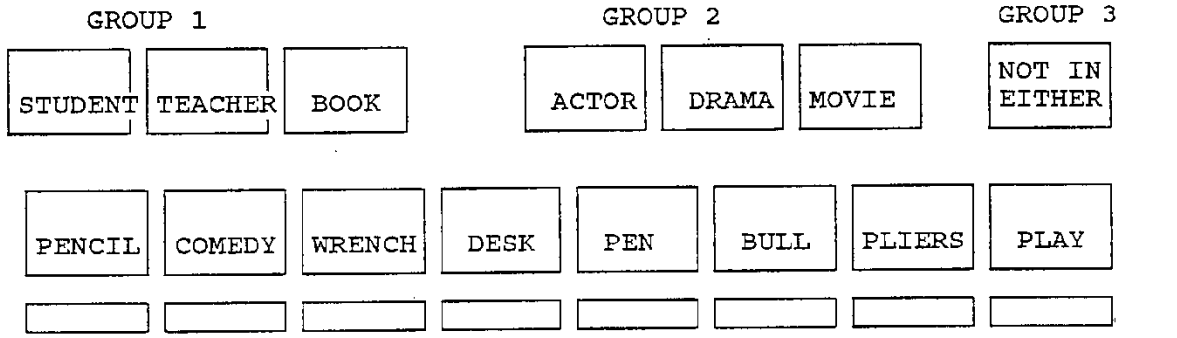

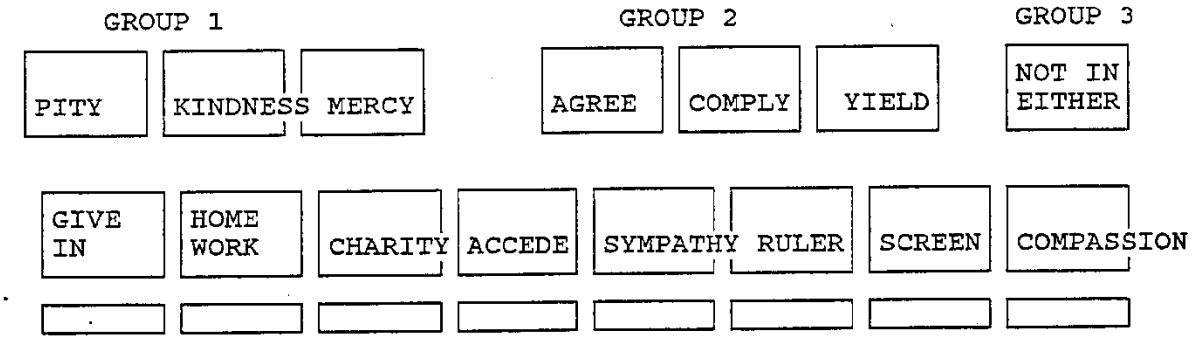

1

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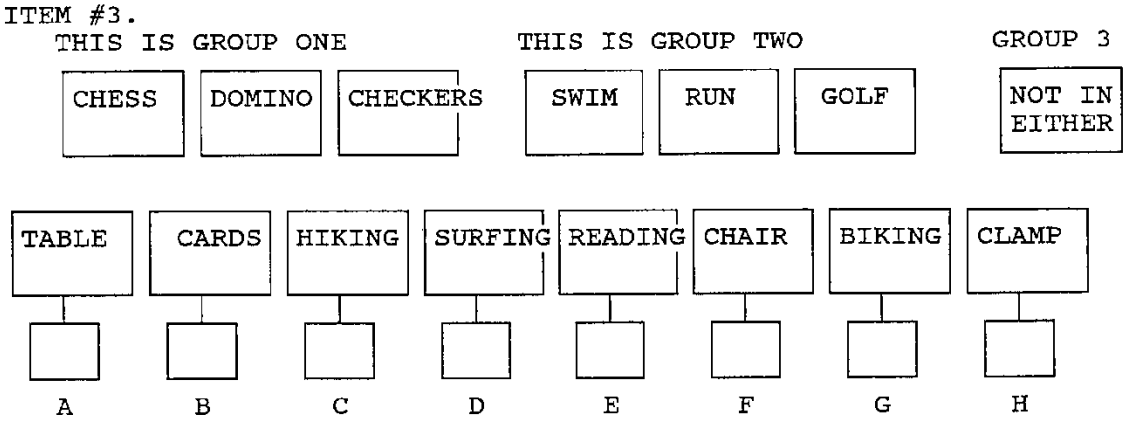
ITEM #3.



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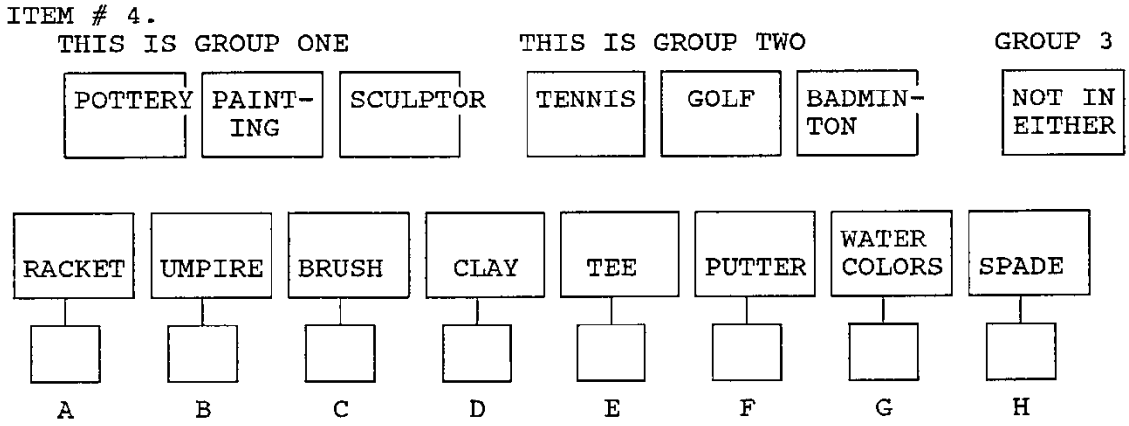

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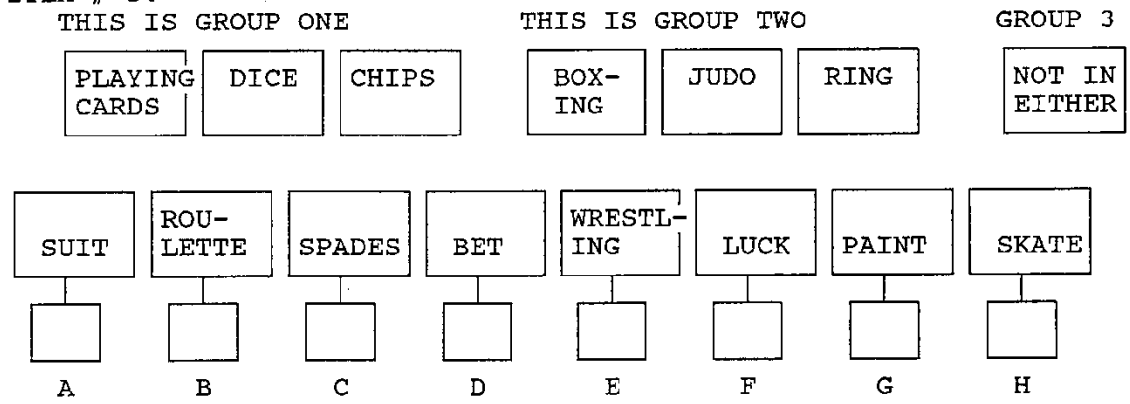

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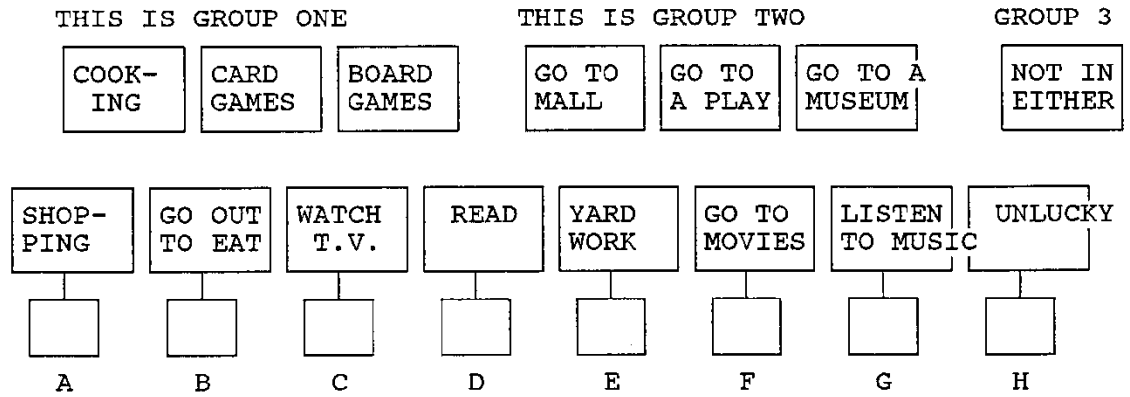

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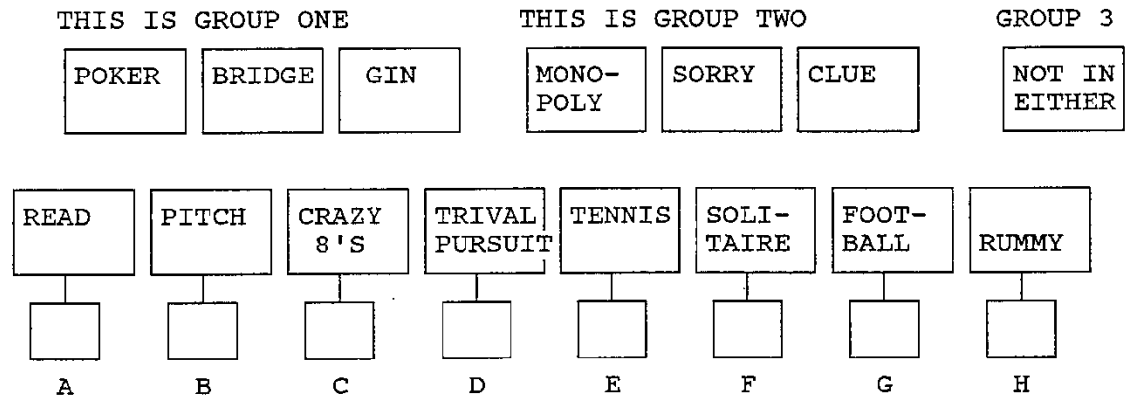

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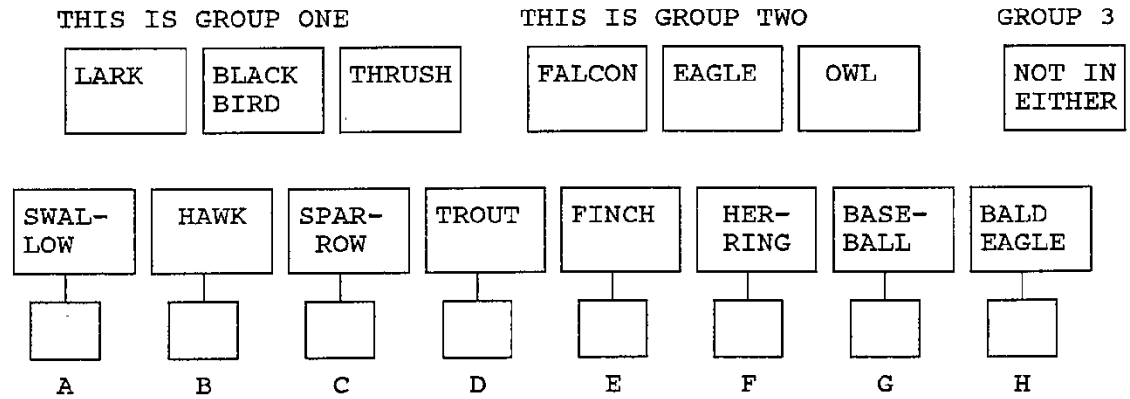

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Attention Verbal flexibility and cognitive flexibility)

Find the Common Theme: In the following task, you will see four lines with three words per line. There is something common throughout each of the four lines. First, you are to read all four lines. Each line contains three unrelated words. You are to circle the word, object, or theme that is common to ALL four lines. Only circle one word per line. Make sure you circle four words per **group.** Goal to increase verbal flexibility

Group: Example 1	**a**	**b**	**c**
Line 1:	**button**	**blue**	**bells**
Line 2:	**green**	**shirt**	**pencil**
Line 3:	**ribbon**	**ball**	**yellow**
Line 4:	**paper**	**red**	**wagon**

The above group is color.

Group: Example 2	**a**	**b**	**c**
Line 1:	**ball**	**rat**	**drum**
Line 2:	**book**	**walk**	**bat**
Line 3:	**cat**	**pitcher**	**boy**
Line 4:	**glove**	**gun**	**red**

The above group is _____. (used in playing baseball)

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Group: ONE	a	b	c
Line 1:	**cows**	**one**	**consume**
Line 2:	**ate**	**bulls**	**twenty**
Line 3:	**thousand**	**herd**	**cherish**
Line 4:	**love**	**eight**	**eaten**

The above group is _____.

Group: TWO	a	b	c
Line 1:	**cake**	**cat**	**drum**
Line 2:	**desk**	**horn**	**wall**
Line 3:	**violin**	**candy**	**car**
Line 4:	**table**	**dog**	**guitar**

The above group is _____.

Group: THREE	a	b	c
Line 1:	**ham**	**wheel**	**bee**
Line 2:	**water**	**knife**	**pork**
Line 3:	**ear**	**bacon**	**flower**
Line 4:	**chops**	**ring**	**boat**

The above group is

Group: FOUR	a	b	c
Line 1:	**sun**	**heavy**	**store**
Line 2:	**shop**	**candle**	**lite**
Line 3:	**buy**	**weight**	**flashlight**
Line 4:	**bottle**	**star**	**baby**

The above group is

Group: FIVE	a	b	c
Line 1:	**muffler**	**line**	**lace**
Line 2:	**movie**	**radiator**	**sound**
Line 3:	**dust**	**clean**	**headlights**
Line 4:	**hammer**	**brake**	**fill**

The above group is _____.

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Group: SIX	a	b	c
Line 1:	**jump**	**brown**	**jug**
Line 2:	**hop**	**horse**	**blue**
Line 3:	**yellow**	**jackass**	**skip**
Line 4:	**jar**	**hurdle**	**mule**

The above group is _____.

Group: SEVEN	a	b	c
Line 1:	**telescope**	**stars**	**discover**
Line 2:	**compose**	**moon**	**glasses**
Line 3:	**binoculars**	**write**	**planets**
Line 4:	**read**	**bug**	**microscope**

The above group is _____.

Group: EIGHT	a	b	c
Line 1:	**unite**	**metric**	**remind**
Line 2:	**before**	**join**	**assign**
Line 3:	**degrees**	**example**	**combine**
Line 4:	**written**	**link**	**displace**

The above group is _____.

Group: NINE	a	b	c
Line 1:	**boat**	**boot**	**mallet**
Line 2:	**ship**	**chisel**	**fire**
Line 3:	**pick**	**can**	**mirror**
Line 4:	**shoe**	**wrench**	**stamen**

The above group is _____.

Group: TEN	a	b	c
Line 1:	**peddle**	**leaf**	**rose**
Line 2:	**bark**	**button**	**ribbon**
Line 3:	**suitcase**	**roll**	**root**
Line 4:	**branch**	**ball**	**break**

The above group is _____.

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Group: ELEVEN	a	b	c
Line 1:	**abolish**	**absurd**	**acclaim**
Line 2:	**pardon**	**mean**	**ludicrous**
Line 3:	**recover**	**continued**	**preposterous**
Line 4:	**ridiculous**	**free**	**excuse**

The above group is _____.

Group: TWELVE	a	b	c
Line 1:	**state**	**pliers**	**chief**
Line 2:	**mother**	**principal**	**class**
Line 3:	**captain**	**teacher**	**Indian**
Line 4:	**city**	**president**	**father**

The above group is _____.

Group: THIRTEEN	a	b	c
Line 1:	**liberty**	**steal**	**promise**
Line 2:	**uphold**	**punish**	**justice**
Line 3:	**fair**	**freedom**	**fulfill**
Line 4:	**wrong**	**police**	**truth**

The above group is _____.

Group: FOURTEEN	a	b	c
Line 1:	**promote**	**prompt**	**preferred**
Line 2:	**choice**	**cheer**	**selective**
Line 3:	**begin**	**action**	**alternative**
Line 4:	**option**	**execute**	**particular**

The above group is _____.

Group: FIFTEEN	a	b	c
Line 1:	**happy**	**pleased**	**contempt**
Line 2:	**gloomy**	**anger**	**sad**
Line 3:	**joyful**	**glad**	**scorn**
Line 4:	**resentment**	**joyless**	**cheerful**

The above group is _____.

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It is okay to use a dictionary

Group: SIXTEEN	a	b	c
Line 1:	**dread**	**daring**	**delighted**
Line 2:	**warm**	**wonder**	**worried**
Line 3:	**fatherly**	**foreboding**	**forlorn**
Line 4:	**alone**	**alive**	**apprehension**

The above group is _____.

Group: SEVENTEEN	a	b	C
Line 1:	**restless**	**ruined**	**righteous**
Line 2:	**jealous**	**jubilant**	**jittery**
Line 3:	**unselfish**	**uptight**	**uncertain**
Line 4:	**nostalgic**	**nervous**	**needy**

The above group is _____.

Group: EIGHTEEN	a	b	c
Line 1:	**forbid**	**foresee**	**forestall**
Line 2:	**profit**	**procure**	**prohibit**
Line 3:	**interrupt**	**interdict**	**intercede**
Line 4:	**join**	**enjoin**	**disjoin**

The above group is _____.

Group: NINETEEN	a	b	c
Line 1:	**redressed**	**weakened**	**presumed**
Line 2:	**induced**	**bounded**	**enervated**
Line 3:	**established**	**unnerved**	**adduced**
Line 4:	**depleted**	**decided**	**deduced**

The above group is _____.

Group: TWENTY	a	b	c
Line 1:	**locally**	**madly**	**inadvertently**
Line 2:	**mindfully**	**unintentionally**	**mournfully**
Line 3:	**lordly**	**heedlessly**	**intentionally**
Line 4:	**slowly**	**hysterically**	**unmindfully**

The above group is _____.

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Group: TWENTY-ONE	a	b	c
Line 1:	**obsequious**	**unreflective**	**open-eyed**
Line 2:	**substandard**	**subservient**	**substance**
Line 3:	**abject**	**abdicate**	**abhor**
Line 4:	**obtuse**	**obstruct**	**obeisant**

The above group is _____.

Group: TWENTY-TWO	a	b	c
Line 1:	**formation**	**fornicate**	**formidable**
Line 2:	**portentous**	**portable**	**probate**
Line 3:	**offensive**	**defensive**	**protection**
Line 4:	**appalling**	**testament**	**division**

The above group is _____.

Group: TWENTY-THREE	a	b	c
Line 1:	**forbid**	**foresee**	**forestall**
Line 2:	**profit**	**preclude**	**prohibit**
Line 3:	**prevent**	**prohibition**	**plead**
Line 4:	**adhere**	**anticipate**	**cuddle**

The above group is _____.

Group: TWENTY-FOUR	a	b	c
Line 1:	**time-honored**	**destabilized**	**reputed**
Line 2:	**induced**	**delimited**	**well-known**
Line 3:	**established**	**panic-stricken**	**adduced**
Line 4:	**depleted**	**traditional**	**deduced**

The above group is _____.

Group: TWENTY-FIVE	a	b	c
Line 1:	**nearby**	**deliberately**	**accidentally**
Line 2:	**mindfully**	**unintentionally**	**despondently**
Line 3:	**lordly**	**recklessly**	**intentionally**
Line 4:	**purposely**	**uncontrollably**	**unmindfully**

The above group is _____.

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Group: TWENTY-SIX	a	b	c
Line 1:	**obsequious**	**inferior**	**open-eyed**
Line 2:	**substandard**	**subservient**	**substance**
Line 3:	**abject**	**resign**	**second-rate**
Line 4:	**simple-minded**	**shoddy**	**obeisant**

The above group is _____.

Group: TWENTY-SEVEN	a	b	c
Line 1:	**formation**	**fornicate**	**formidable**
Line 2:	**self-important**	**convenient**	**configuration**
Line 3:	**arrangement**	**cynical**	**cover**
Line 4:	**awful**	**authentication**	**pattern**

The above group is _____.

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The next series of tasks involve inductive reasoning.

1. **Determine the sequence**
2. **Circle that sequence**

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

Group: ONE	**a**	**b**	**c**
Line 1:	**AB**	**TO**	**BA**
Line 2:	**DA**	**CF**	**CD**
Line 3:	**NO**	**EF**	**IT**
Line 4:	**GH**	**HI**	**GO**

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

Group: ONE	a	b	c
Line 1:	**MW**	**OQ**	**AB**
Line 2:	**GI**	**RZ**	**HI**
Line 3:	**GO**	**MN**	**DF**
Line 4:	**CG**	**IT**	**VX**

Group: TWO	a	b	c
Line 1:	**FH**	**KJ**	**IS**
Line 2:	**GN**	**BA**	**BT**
Line 3:	**OP**	**JN**	**ON**
Line 4:	**WE**	**WV**	**ID**

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

Group: THREE	a	b	c
Line 1:	**UTV**	**QPO**	**DFH**
Line 2:	**EGI**	**BAC**	**HKN**
Line 3:	**HGI**	**WNK**	**RST**
Line 4:	**CBA**	**FEG**	**LMN**

Group: FOUR	a	b	c
Line 1:	**EFGN**	**ACBD**	**IJLK**
Line 2:	**ZXYW**	**DCBA**	**UVXW**
Line 3:	**QRTS**	**JKMN**	**PQST**
Line 4:	**JIHG**	**ABDO**	**NOQP**

Group: FIVE	a	b	c
Line 1:	**EFHI**	**ABWZ**	**EFGH**
Line 2:	**DCBA**	**ABDE**	**VWDE**
Line 3:	**KLMP**	**ONJI**	**HIKL**
Line 4:	**CDFG**	**PQRU**	**WXBA**

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UI 21: Situational Fluency
In the following situations, please tell me at least three things you can do.

1. You are first person to see thick smoke and fire coming from the window of the house next to yours.

a. _____

b. _____

c. _____

d. _____

2. You run out of gas on a highway.

a. _____

b. _____

c. _____

d. _____

3. You are lost in a large urban city.

a. _____

b. _____

c. _____

d. _____

4. You are on vacation and you lose your wallet.

a. _____

b. _____

c. _____

d. _____

5. You go to pay the bill at a restaurant and you discover you left all your money at home.

a. _____

b. _____

c. _____

d. _____

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6. Give me at least three reasons for someone being late

a. _____

b. _____

c. _____

d. _____

7. Give me at least three reasons for moving to a new town or city.

a. _____

b. _____

c. _____

d. _____

8. Give me three reasons for two people to get married.

a. _____

b. _____

c. _____

d. _____

9. Give me at least three reasons for changing a job.

a. _____

b. _____

c. _____

d. _____

10. Give me at least three reasons why people should pay taxes

a. _____

b. _____

c. _____

d. _____

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1. Why should a promise be kept? (Why should we keep a promise we make?)

a. _____

b. _____

c. _____

d. _____

2. Why shouldn't people steal? (Why is it wrong to steal?)

a. _____

b. _____

c. _____

d. _____

3. Why should people tell the truth?

a. _____

b. _____

c. _____

d. _____

4. If one person hurts another person, why shouldn't the person who got hurt get even?

a. _____

b. _____

c. _____

d. _____

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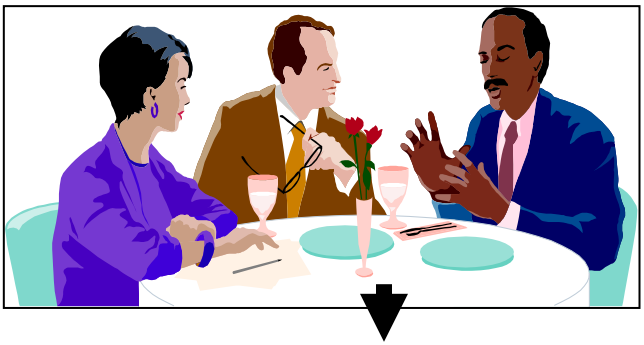
What could they be talking about? Write as many things as you can think of that these people would be talking in 60 seconds.



	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
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	17	
	18	
	19	
	20	

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What could they be talking about? Write as many things as you can think of that these people would be talking about in 90 seconds

	1	
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	
	14	
	15	
	16	
	17	
	18	
	19	
	20	

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Tell me as many words as you can think of that begins with the letter (60 SECONDS PER LETTER).

LETTER "S"	LETTER "T"
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20	
21.	
22.	
23.	
24.	
25.	
26.	

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LETTER “C”	LETTER “M”
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	
11.	
12.	
13.	
14.	
15.	
16.	
17.	
18.	
19.	
20	
21.	
22.	
23.	
24.	
25.	
26.	

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Write down or tell me as many words as you can that begin with the letter S. Do not use proper names, such as Sam. You have four minutes

LETTER "S"

1.	29.
2.	30.
3.	31.
4.	32.
5.	33.
6.	34.
7.	35.
8.	36.
9.	37.
10.	38.
11.	39.
12.	40.
13.	41.
14.	42.
15.	43.
16.	44.
17.	45.
18.	46.
19.	47.
20	48.
21.	49.
22.	50.
23.	51.
24.	52.
25.	53.
26.	54.
27.	55.
28. .	56.

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Write down or tell me as many words as you can that begin with the letter C and the word has only four letters in it. Do not use proper names. You have four minutes LETTER "C"

1.	29.
2.	30.
3.	31.
4.	32.
5.	33.
6.	34.
7.	35.
8.	36.
9.	37.
10.	38.
11.	39.
12.	40.
13.	41.
14.	42.
15.	43.
16.	44.
17.	45.
18.	46.
19.	47.
20	48.
21.	49.
22.	50.
23.	51.
24.	52.
25.	53.
26.	54.
27.	55.
28.	56.

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Tell me as many parts of a car you can name.

Tell me as many things that can be under a tree.

Tell me as many games you can play on a table.

Tell me what you can buy in a hardware store.

Tell me as many sports as you can.

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Two Person Task

Positional Working Memory: Words

I will read you a list of words. For example, I may say "red, green, blue, and yellow." Then I will ask, what was the third color. In this example, you would say… (blue). Do you understand.

1. mindful	**wise**	prudent	reasonable	What was the		2nd word?	[]
2. worry	concern	trouble	dismay			3rd	[]
3. fast	quick	hasty	**swiftly**	immediately		4th	[]
4. sluggish	**slow**	delay	unhurried	procrastinating		2nd	[]
5. gentle	tender	**pleasant**	warm	kind	empathic	3rd	[]
6. untamed	wild	reckless	**unruly**	fierce	mad	4th	[]

correct____/6

"Now I'm going to say some more words. Remember the exact order in which I say them."

1. oats	**wheat**	barley	corn			2nd	[]
2. apple	banana	peach	**plumb**	orange		4th	[]
3. trout	bass	**salmon**	sunfish	catfish		3rd	[]
4. **pencil**	crayon	brush	pen	chalk		1st	[]
5. table	swing	bench	**sofa**	stool	chair	4th	[]
6. wheat	**plumb**	sofa	pencil	salmon	cat	2nd	[]

Remember these two sentences

Cherries grew in the orchard beyond the pasture. (repeat the sentence) []

At the edge of the garden, the fox ran from the hunters. (repeat the sentence) []

"Now, I am going to ask you to remember the sum of simple math problems. Remember each answer and then add them together. For example: 2+2= ___ and 1+3=___. The answer is ____ (8).

					Response	Answer
1.	2+3=	4+2=			_____[]	11
2.	1+2=	5+3=	7+1		_____[]	19
3.	6+1=	7+8=	5+2		_____[]	29
4.	9+3=	6+4=	3+3		_____[]	28
5.	5+2=	1+6=	2+2	3+2=	_____[]	23
6.	7+8=	5+1=	3+3	4+1=	_____[]	32
				total correct	____/6	

What were the two sentences I asked you to remember?
[] Cherries [] grew [] in the orchard [] beyond the pasture. (repeat the sentence) []
[] At the edge of the [] garden, [] the fox [] ran [] from the hunters. (repeat the sentence) []

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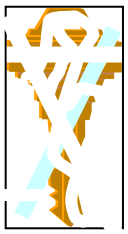
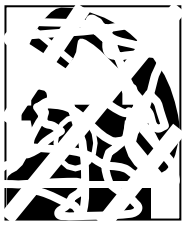
Guess what each incomplete picture could be and write the name of it below the picture.



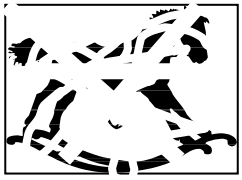
1._____

2. ._____



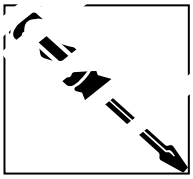
3, ._____

4._____

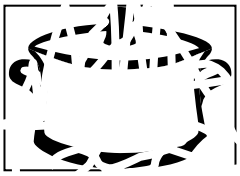


5. ._____

6, ._____



7._____



8. ._____

9, ._____

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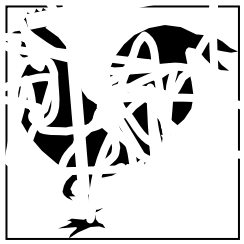
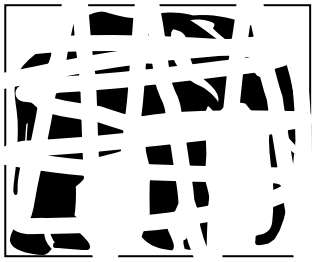
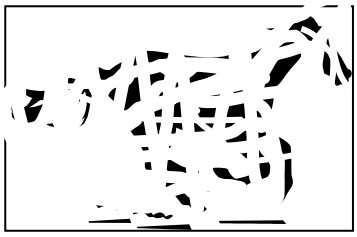
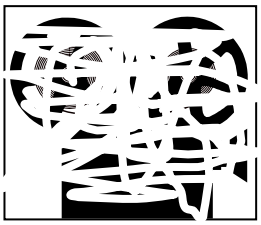
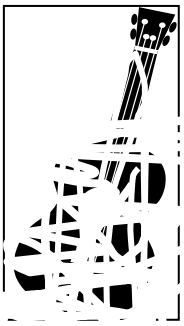




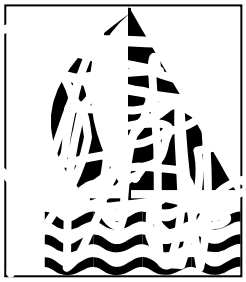
10._____ 11. ._____ 12, ._____

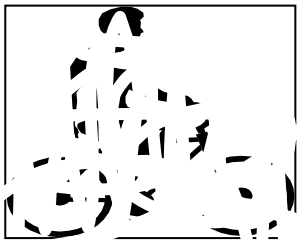






13._____ 14. ._____ 15, _____





16._____ 17. ._____ 18, ._____

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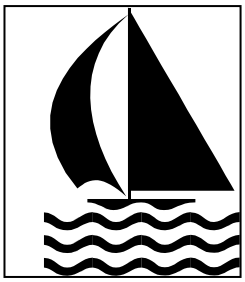
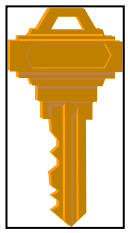
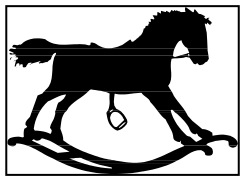
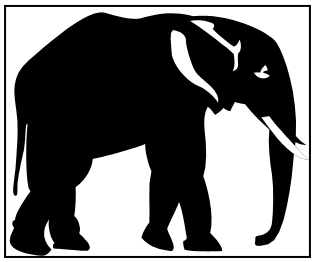
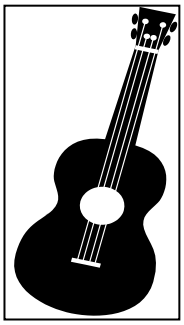
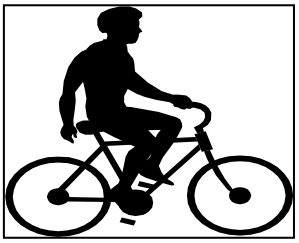
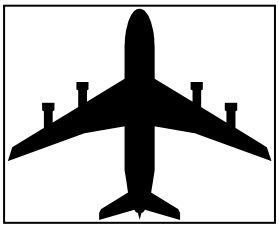
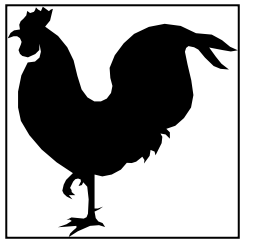
What pictures did you see in the last two pages.

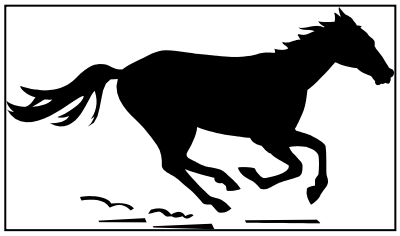
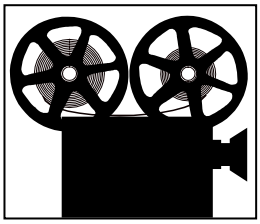
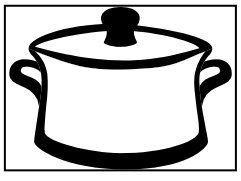






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Without going back, recall as many distorted pictures as you can.

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Word Span Flexibility II

"I'm going to say some words. First, I will say the first list. Remember those words in that order. In the second list, I want you to repeat that list backward. For example, if I say blue-green first and for the second list I say cat-dog. The list you would repeat would be blue-green-dog-cat." (One second per word.)
In and Out – Cat and Dog

	Forward	Backward
1. Four Span	[] in - out	[] dog-cat
	[] first-last	[] blue-gray
	[] large-tinny	[] right-left
2. Five Span	[] fox-bear-skunk	[] cow-bull
	[] ball-bat-glove	[] table-chair
	[] one-three-five	[] cause -effect
3. Six Span	[] walk-run-hop	[] cloud-rain-flood
	[] boat-car-shuttle	[] sand-snow-slik
	[] on-with-above	[] upon-behind-through
4. Six Span	[] owl-hawk-eagle	[] note-sing-voice
	[] club-bat-stick	[] doe-ray-me
	[] for-after-behind	[] fast-slow-out
5. Seven Span	[] eye-ear-jaw-rip	[] key-lock-bolt-knob
	[] car-boat-plan-bus	[] goat-lamb-kid-sheep
	[] wire-plug-switch-light	[] pen-chalk-paint-crayon
6. Seven Span	[] shirt-pants-coat-hat	[] fork-spoon-glass
	[] clock-watch-dial	[] tie-collar-button-sleeve
	[] blue-red-white-brown	[] truck-bus-cab
7. Eight Span	[] green-black-gray-pale	[] Earth-Mars-Venus- Mercury
	[] phone-remote-antenia-cable	[] on-off-open-close
	[] in-two-above-five	[] gate-door-window-roof

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