

1977

The a as in at book

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The a as in at Book

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Brattleboro, Vermont

Submitted in partial fulfillment of the requirements for
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International Training, Brattleboro, Vermont.

May 1977

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PREFACE

The a as in at Book is a set of teaching materials for students of English as a Second Language (ESL). The materials have been designed to be used as a supplement to pronunciation work done in the classroom or, more specifically, as a supplement to pronunciation work based on Dr. Caleb Gattegno's phonic code charts (Fidels) for American English. Because of the nature of the vocabulary included in this set of materials, it is recommended that they be used with high-intermediate or advanced students.

The a as in at Book has been designed as a self-review in pronunciation supplement for ESL students that does not require the use of a tape recorder or language laboratory. For these materials to be used effectively, the instructor must work with pronunciation with the student prior to their use.

The thirty-five crossword puzzles and 'sound columns' included in this set of materials are based on the twenty-three vowel sounds and the thirty-five consonant sounds which appear on the American English Fidels (1975 edition). All the words in each puzzle and sound column contain the same distinct vowel or consonant sound (phoneme). However, two, three, or four distinct phonemes occasionally occur in the same puzzle and sound column for convenience. Each crossword puzzle is accompanied by a set of clues which have been geared towards non-native speakers. The sound column accompanying each puzzle clearly shows the relationship between the different letter combinations (graphemes) for the same phoneme of the

words used in that puzzle. All graphemes that appear on the American English Fidels (1975 edition) have been used in this set of materials. Many of these graphemes are unquestionably rare; however, they have been included in The a as in at Book to make the work complete.

INTRODUCTION

With a clear understanding of where a distinct sound is located in a word and how it is represented by characters, the student will be better able to sound out words and to discover their correct pronunciation himself. Thus, the primary reason for the development of the 'a as in at' materials is to clearly illustrate the relationship between the 408 graphemes and the 58 phonemes that exist in American English. This relationship is visually illustrated for each phoneme by a sound column which follows each crossword puzzle in this set of materials. The sound column, therefore, is the basis for the creation of The a as in at Book. The purpose of the crossword puzzle that preceeds each sound column is to guide the student in the selection of words containing the same phoneme but having distinct graphemes. In addition, the crossword puzzles add challenge, fun, and interest to a learning process that might otherwise be nothing more than a tedious listing of words. The improvement of dictionary skills and learning how a crossword puzzle can be used as a means of increasing one's vocabulary are secondary benefits of using these materials.

The Crossword Puzzles

As previously stated, the crossword puzzles are the means by which the student comes up with the words to be used in the sound columns. Because the puzzles have been designed for non-native speakers, letters have been included in selected squares of each puzzle as additional clues in the selection of the words

to be used. The puzzles have not been designed to stump or confuse the student.

The Clues

The clues have been carefully considered for the ESL student. They include synonyms, antonyms, definitions, fill-ins, simple grammatical transformations, and clues concerning the noun, verb, adjective, and adverb forms of words. The clues and their respective answers have been selected with the aid of The American Heritage Dictionary of the English Language¹ in the paperback edition. The definitions used as clues for some of the more difficult words in the puzzles have been taken directly from this dictionary. The American Heritage Dictionary was selected because it is relatively easy for non-native speakers to understand. All but six of the words used in the puzzles and clues have entries in this dictionary. The six words that are not included have been written into the puzzles in their entirety for convenience. They are found in puzzles 19, 25, 27, 30, and 32. It is not necessary, therefore, for the student to consult additional sources in trying to solve these puzzles.

✓ An underlined word in the clue means that another form of this word is the answer to that clue. For example, a clue reading, 'Someone who composes music,' indicates to the student that the answer to this clue is a form of the underlined word, 'composes'. 'Composer' is the correct answer. This underlining serves as an additional aid in selecting the answers to the clues. Also, it will help the student to become more aware of the form and func-

¹Davies, Peter, editor. The American Heritage Dictionary of the English Language. New York: Dell Publishing Co., Inc., 1969.

tion of words from the same word family.

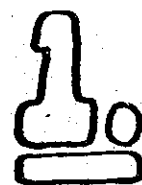
The Sound Columns

Once the student has completed the crossword puzzle for a specific phoneme, he is ready to complete the sound column. Each sound column is made up of a list of numbers and letters on the left, and a list of letter spaces and boxes on the right. The numbers refer to the corresponding numbers in the crossword puzzle and the letters refer to 'across' (A) and 'down' (D). Thus, the words from the crossword puzzle corresponding to these number-letter combinations are to be written into the letter spaces and boxes on the right. When the sound column has been completed, the boxed letters of the words listed clearly show the phoneme common to all the words in that column and the relationship between their distinct graphemes. The words in each sound column are, in most cases, arranged according to the number of letters in the graphemes of each word. Therefore, one-letter graphemes are at the top of the column, followed by two-letter graphemes, three-letter graphemes, etc.

To the Teacher

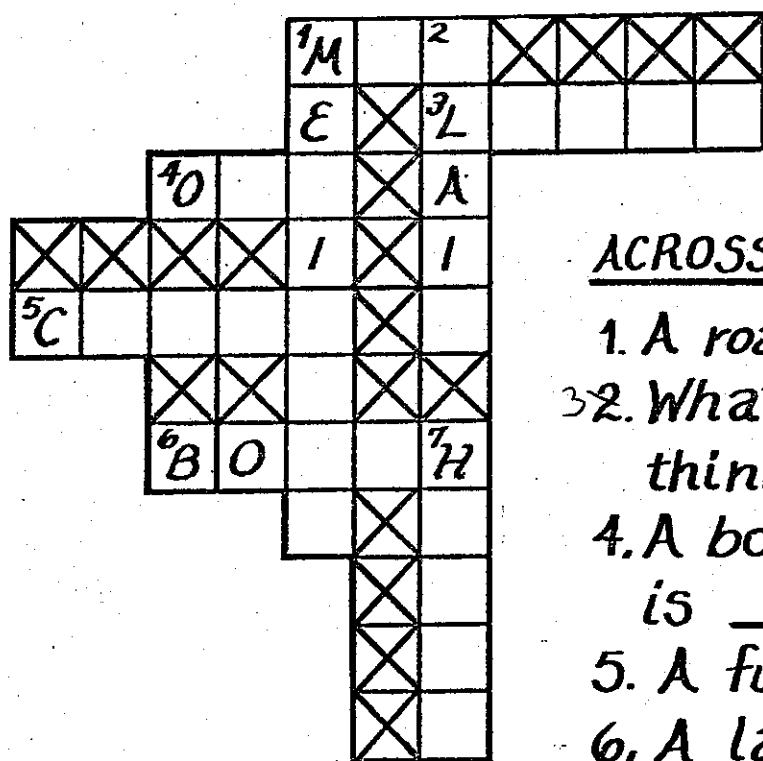
Because there are no directions included on the crossword puzzle and sound column sheets, it is recommended that the teacher supervise the student's first attempt at working with these. Initial understanding and success on the part of the student will insure continued success and enjoyment when using these materials again. The following points should be made very clear to the student before he attempts to complete the first crossword puzzle and sound column.

1. The crossword puzzle must be completed before the sound column.
2. The listed clues, the letters written into the puzzle, and the phoneme for that puzzle will aid the student in solving the puzzle.
3. Occasionally, the first three, four, or more letters of a very difficult word are written into the puzzle. The student can use these initial letters to locate a limited number of words in the dictionary with the same initial spelling. Then by referring to the puzzle clue for that word, he can select the correct answer.
- 4.. In each sound column, the numbers and letters on the left refer to the numbers across and down in the respective puzzle.
5. All the boxed letters in the same sound column have the same sound.



a as in **at**

ou as in **house**

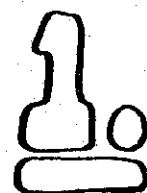


ACROSS

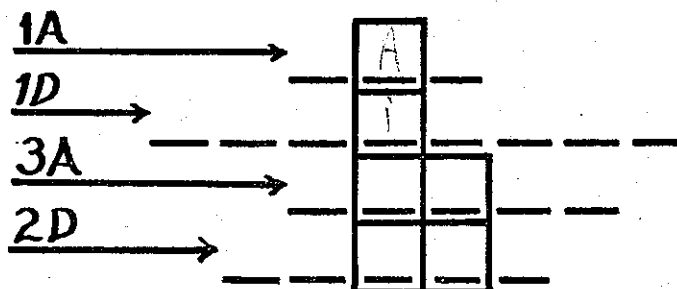
1. A road guide made of paper.
- 3 2. What you do when you think something is funny.
4. A book that belongs to us is _____ book.
5. A funny circus performer.
6. A large branch of a tree.

DOWN

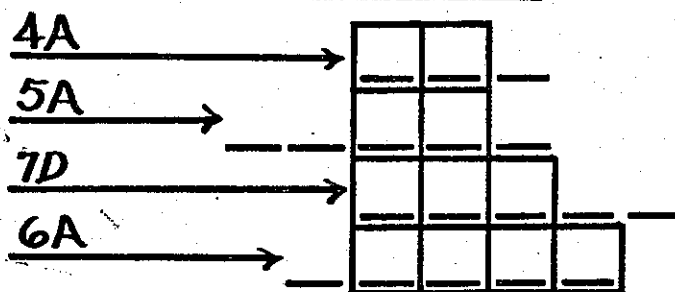
1. A sweet substance made of beaten egg whites.
2. A kind of checked pattern on cloth, native to Scotland.
7. There are 24 _____ in a day.



a as in **at**



ou as in **house**

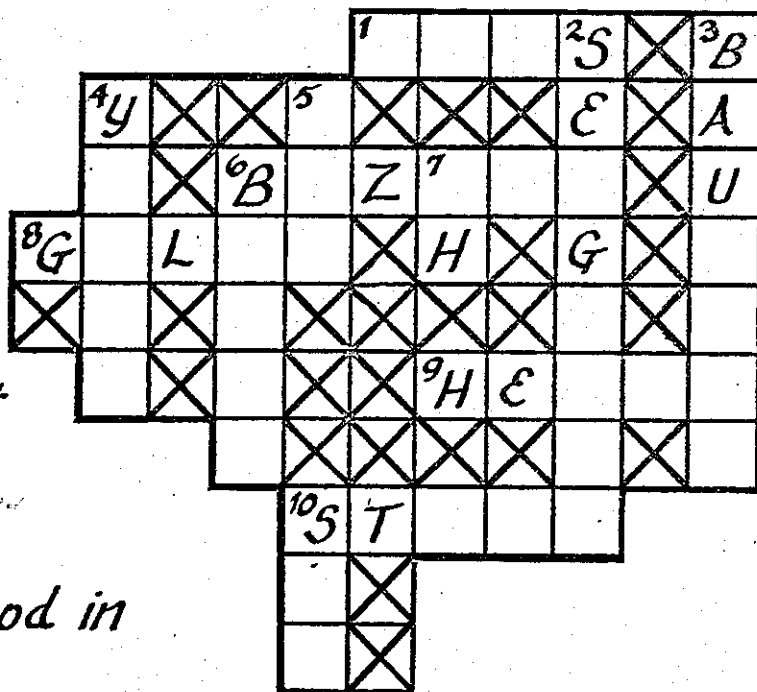


U as in Up

a as in far

ACROSS

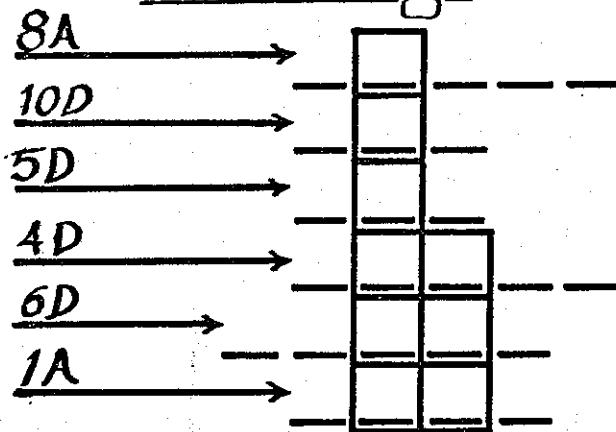
1. A present form of the verb do.
6. An Oriental market.
8. Gray or white birds that live near coastal waters are called sea _____.
9. The organ that pumps blood in your body.
10. To begin.



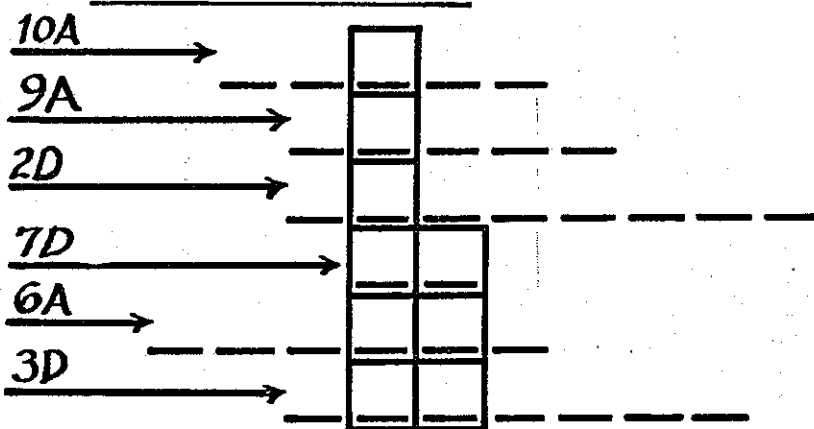
DOWN

2. An officer in the army.
3. The principal ore used in making aluminum.
4. Not old.
5. A past form of the verb 'be'.
6. The red liquid that your heart pumps through your body.
7. An expression of surprise or pain.
10. Your brother is your father's _____.

U as in **Up**

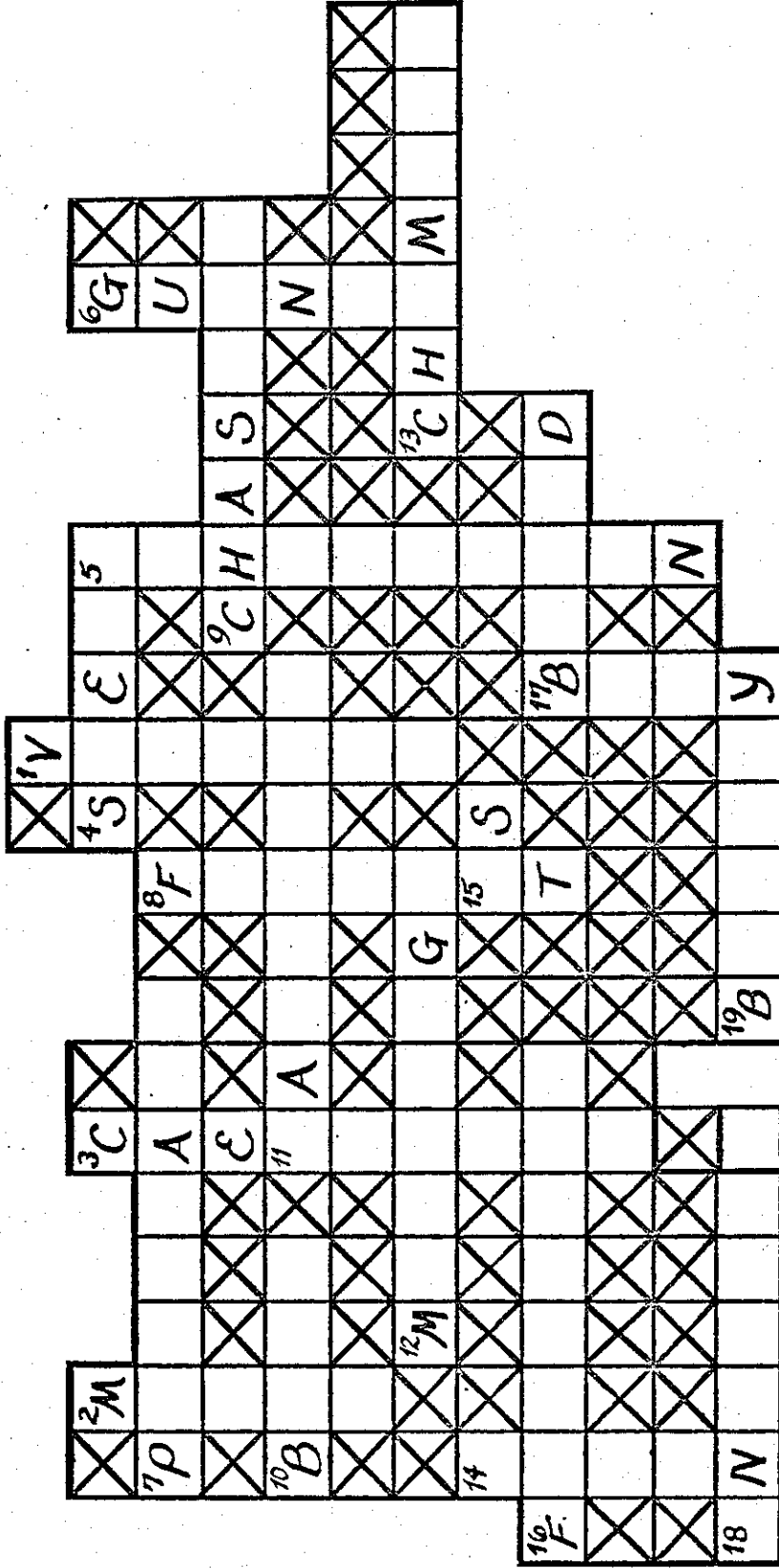


a as in **far**



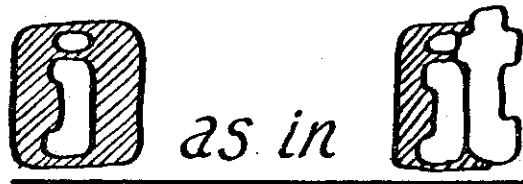


as in



ACROSS

4. A utensil used for sifting.
7. A painting of a person's face.
9. The rectangular steel frame that supports the body and motor of an automobile.
10. The past participle form of the verb be.
11. The day before Sunday.



3.

ACROSS

12. The noun form of the verb marry.
13. A goatlike mammal of mountainous regions of Europe.
15. A present form of the verb 'be'.
16. The part of your face above your eyes.
17. To construct.
18. The language you are studying.
19. The opposite of 'ugliness'.

DOWN

1. A very small town.
2. Dollars and cents.
3. _____ section is a kind of operation performed to extract a fetus.
5. A noun form of the verb exhibit.
6. A small rodent used for biological experiments is called a _____ pig.
8. The infinitive form of the noun forfeiture.
14. The plural form of woman.
17. An active person is always _____. He always has something to do.

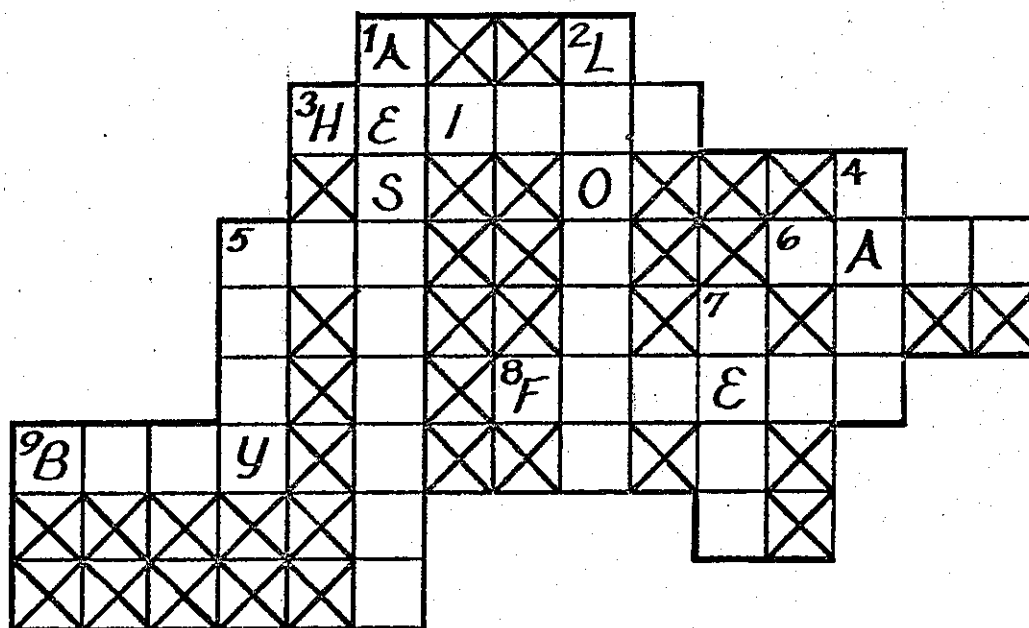
j as in **it**

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

G as in pet


ACROSS

3. A young cow.
5. The past form of the verb meet.
6. A present form of the verb say.
8. A comrade or companion.
9. To place in the ground and cover with earth.



DOWN

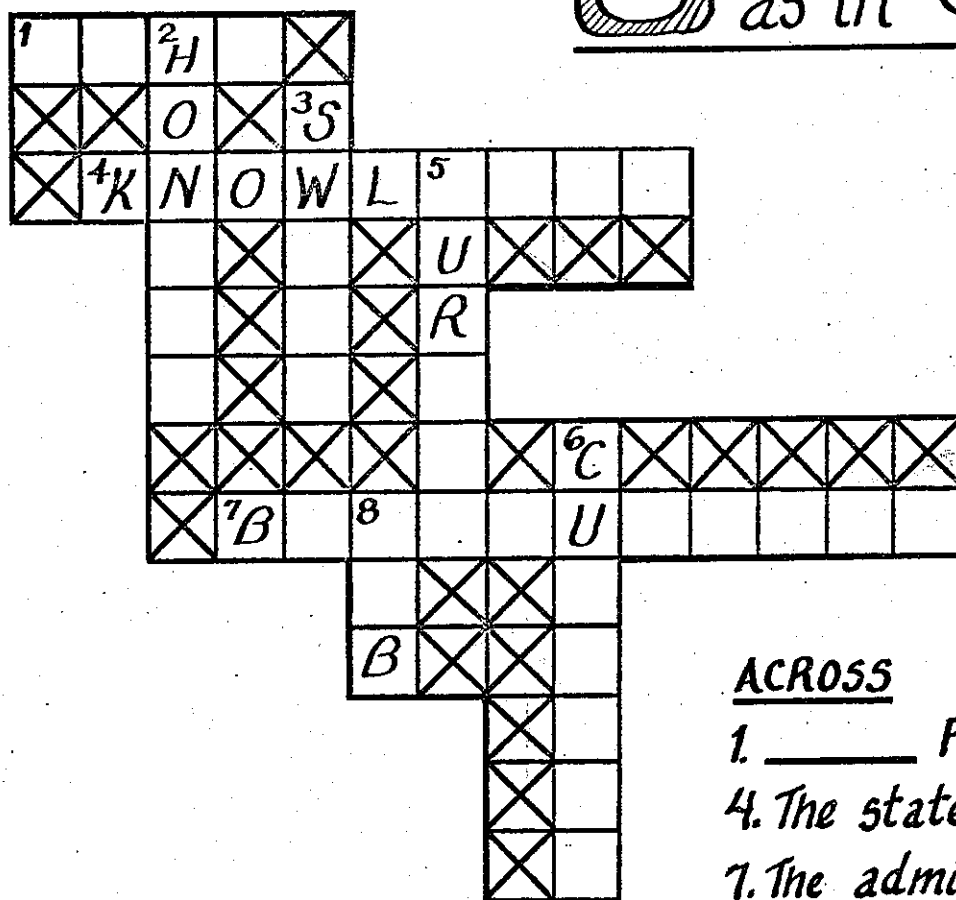
1. Artistic.
2. A large black-spotted wild cat of Africa and Asia.
4. The past form of the verb say.
5. A lot of.
7. The opposite of 'alive'.

 as in **pet**

5A	→			
5D	→			
9A	→			
7D	→			
4D	→			
6A	→			
8A	→			
2D	→			
3A	→			
1D	→			

o as in pot

U as in **cure**



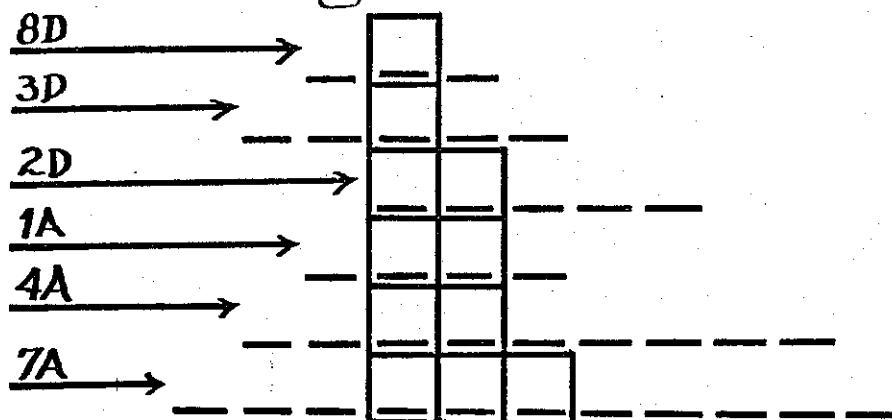
ACROSS

1. _____ Fitzgerald Kennedy.
4. The state or fact of knowing.
7. The administration of a government. (From the word bureau.)

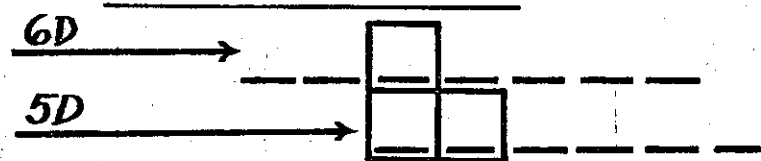
DOWN

2. An _____ person bureau.
does not lie, cheat, or steal.
3. A marsh.
5. The ancestors of most citizens of the United States
came from _____.
6. Inquisitive.
8. 'To steal money from a bank' is the same as 'to _____
a bank.'

O as in **pot**

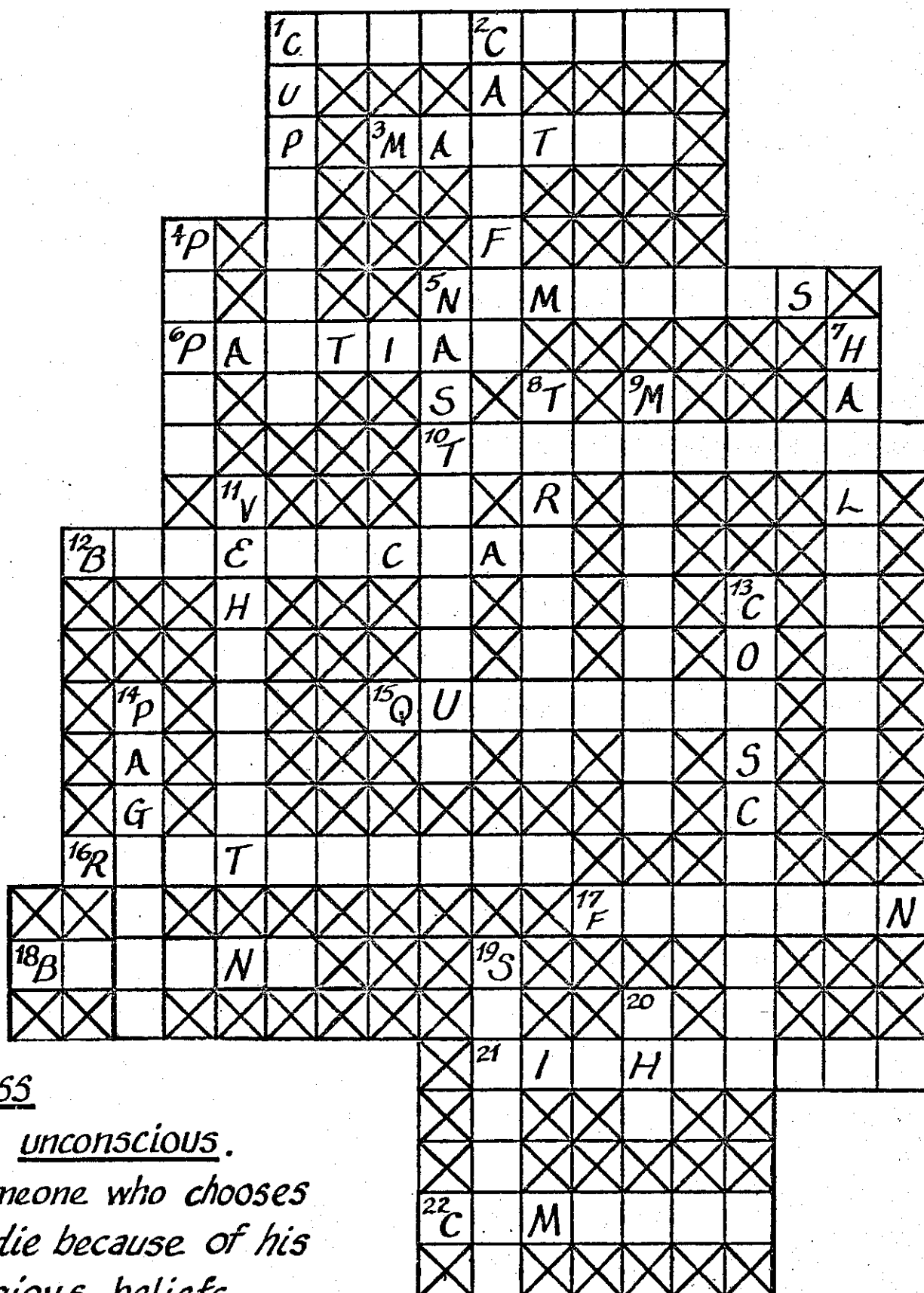


U as in **cup**



a as in usable

6.



ACROSS

1. Not unconscious.
3. Someone who chooses to die because of his religious beliefs.



as in

usable

6.

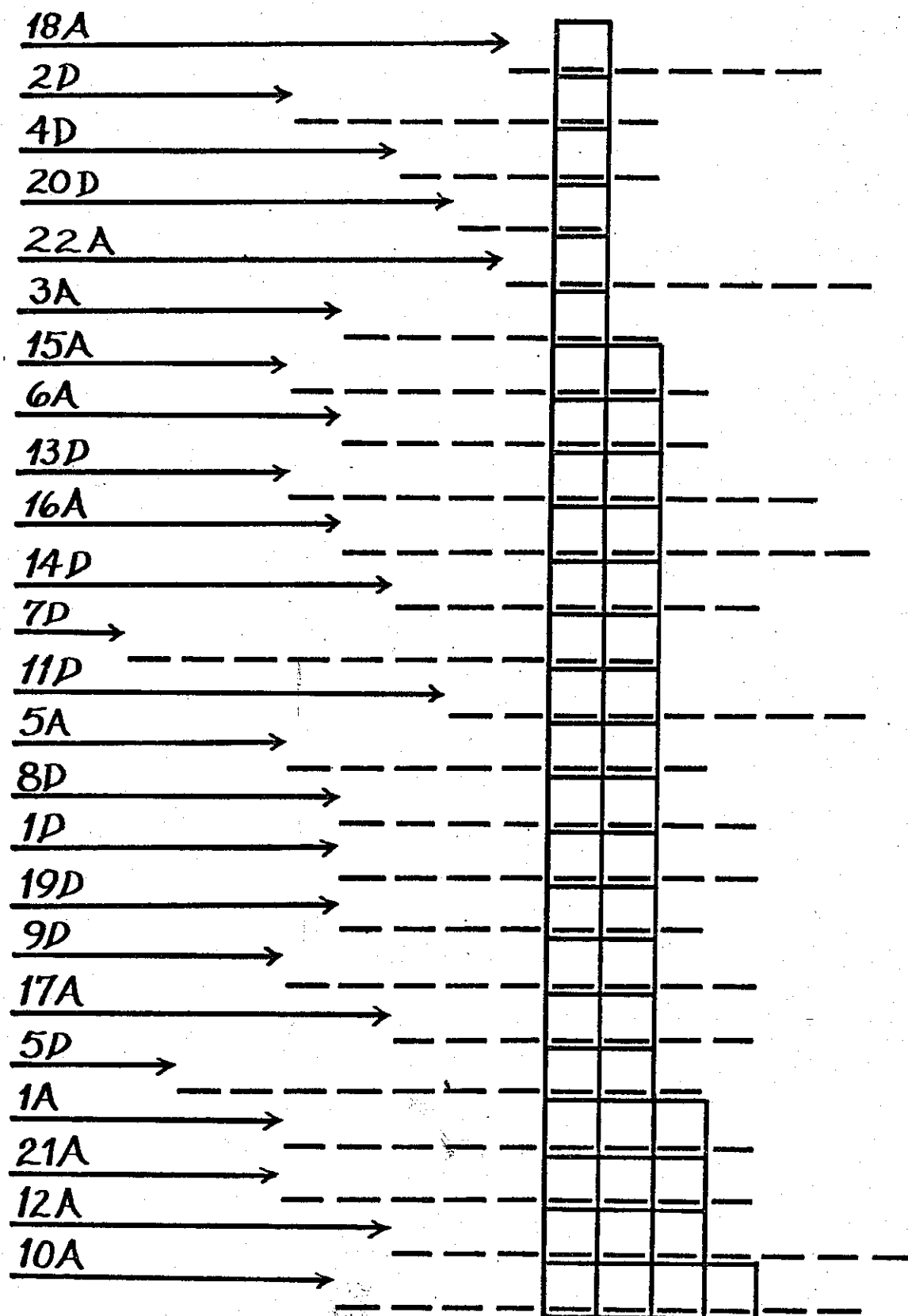
ACROSS

5. Many.
6. Not impartial.
10. The adverb form of the adjective thorough.
12. A person who works in a bureaucracy.
15. Something that you ask.
16. A place where people go to buy a meal.
17. A language that is not your own is a _____ language.
18. A yellow fruit.
21. The adjective form of the adverb righteously.
22. To order.

DOWN

1. A closet or cabinet used for storing food, dishes, etc.
2. The opposite of careless.
4. A student.
5. A plant with orange or yellow flowers.
7. An exclamation of praise or joy.
8. Another name for a turtle.
9. The Alps, the Andes, the Himalayas.
11. Forceful; intense.
13. A person who is ashamed of something which he has done often has a guilty _____.
14. An elaborate and colorful public spectacle.
19. A physician who performs surgery.
20. _____ United States of America.

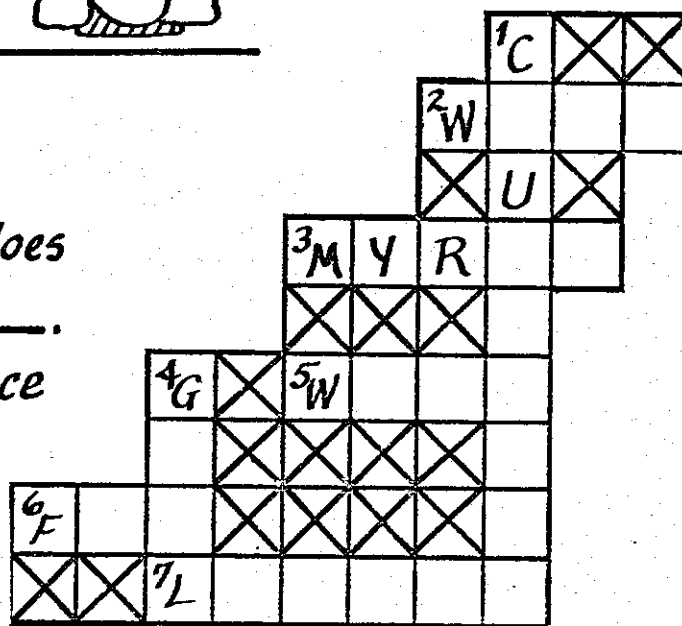
A as in **Usuable**





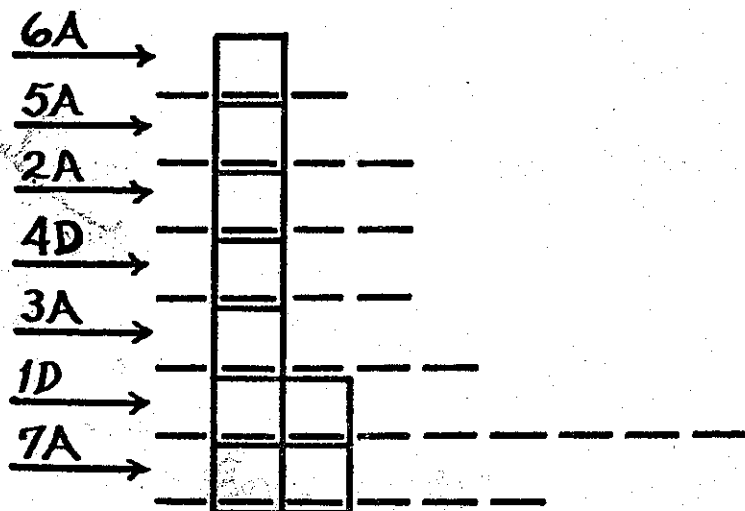
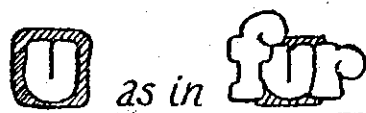
ACROSS

2. A lazy person does not like to _____.
3. A plant substance used in perfume and incense.
5. A past form of the verb 'be'.
6. Mink, rabbit, and muskrat are used to make _____ coats.
7. A teacher teaches and a student _____.



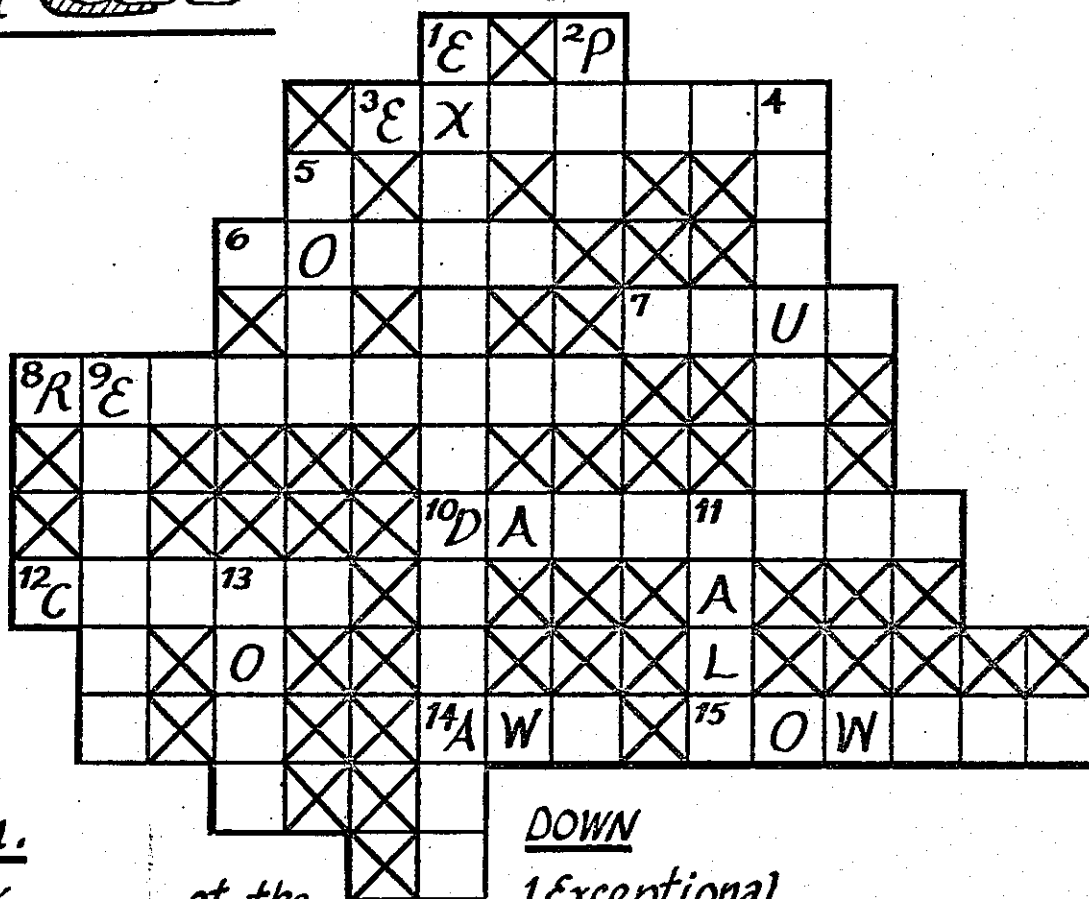
DOWN

1. Polite.
4. Not a boy.



O as in off

8.



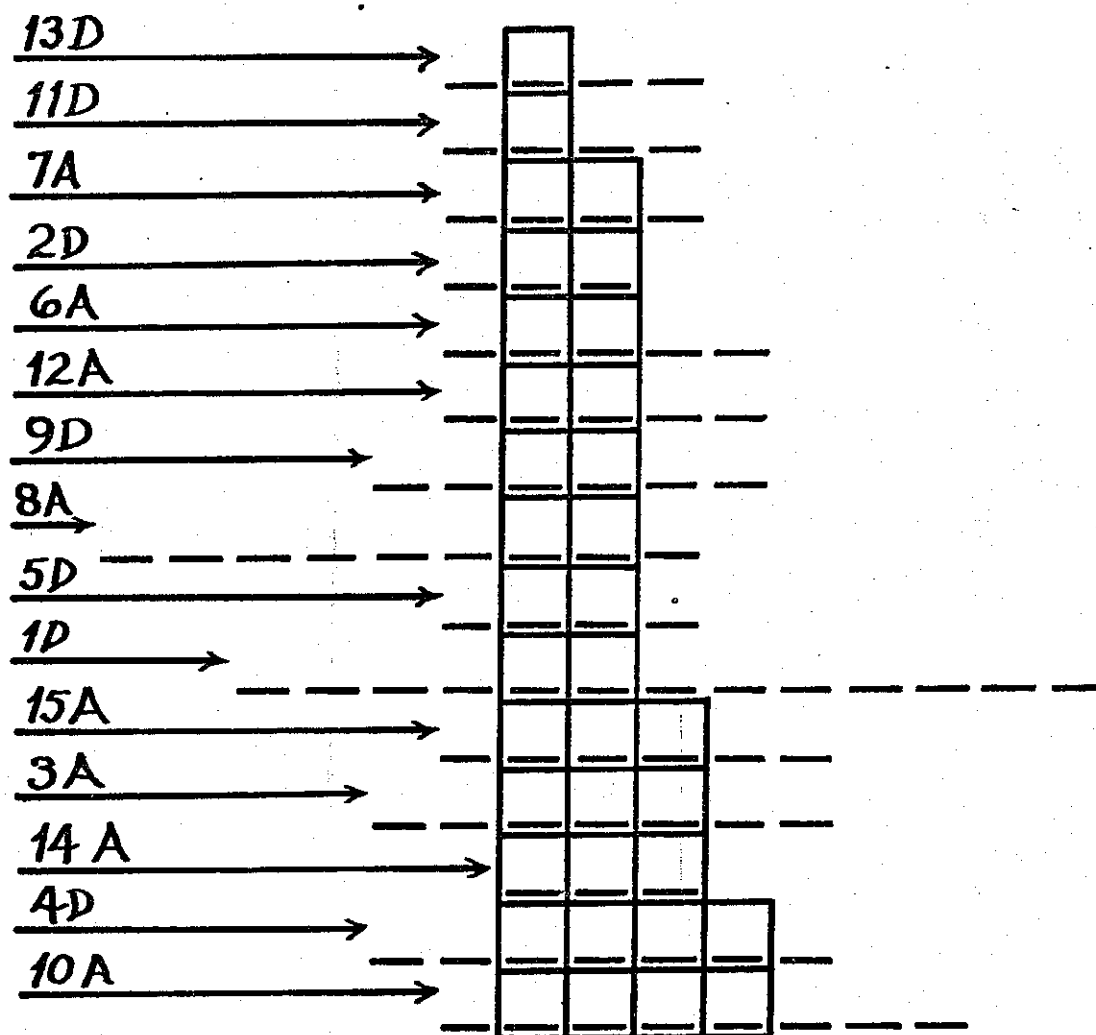
ACROSS

3. A verb form of exhaustion.
4. There is a black _____ at the front of most classrooms.
7. St. _____ is the capital of Minnesota.
8. A reserve of water.
10. A father's female child is his _____.
12. Whooping _____ is a serious infectious disease.
14. 'Wonder' is defined as 'that which arouses _____ or admiration'.
15. In the direction of.

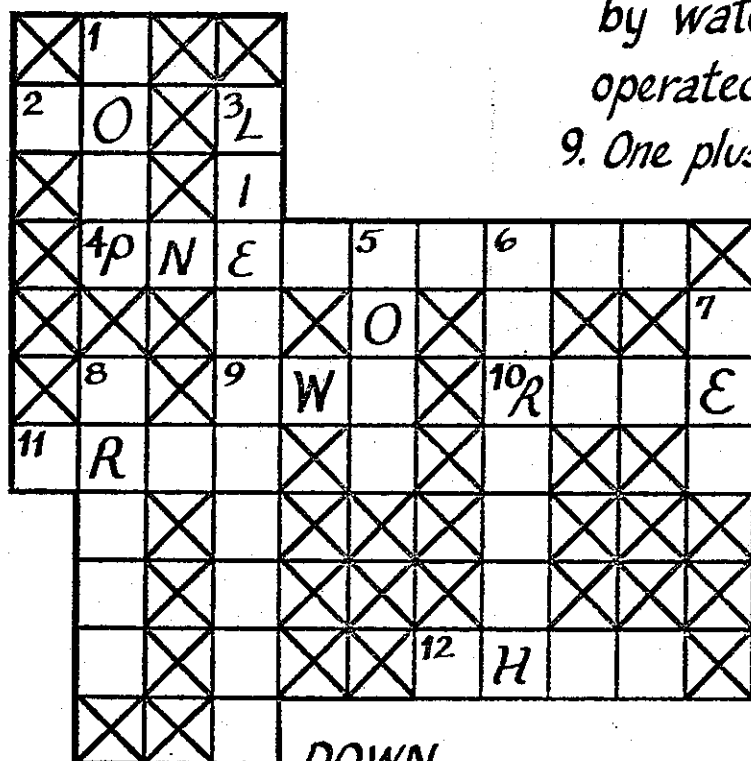
DOWN

1. Exceptional.
2. The foot of a cat.
4. The past form of 'think'.
5. You enter a room through the _____.
9. The infinitive verb form of the noun exhortation.
11. Stop.
13. Go - went - _____.

0 as in off



O as in do



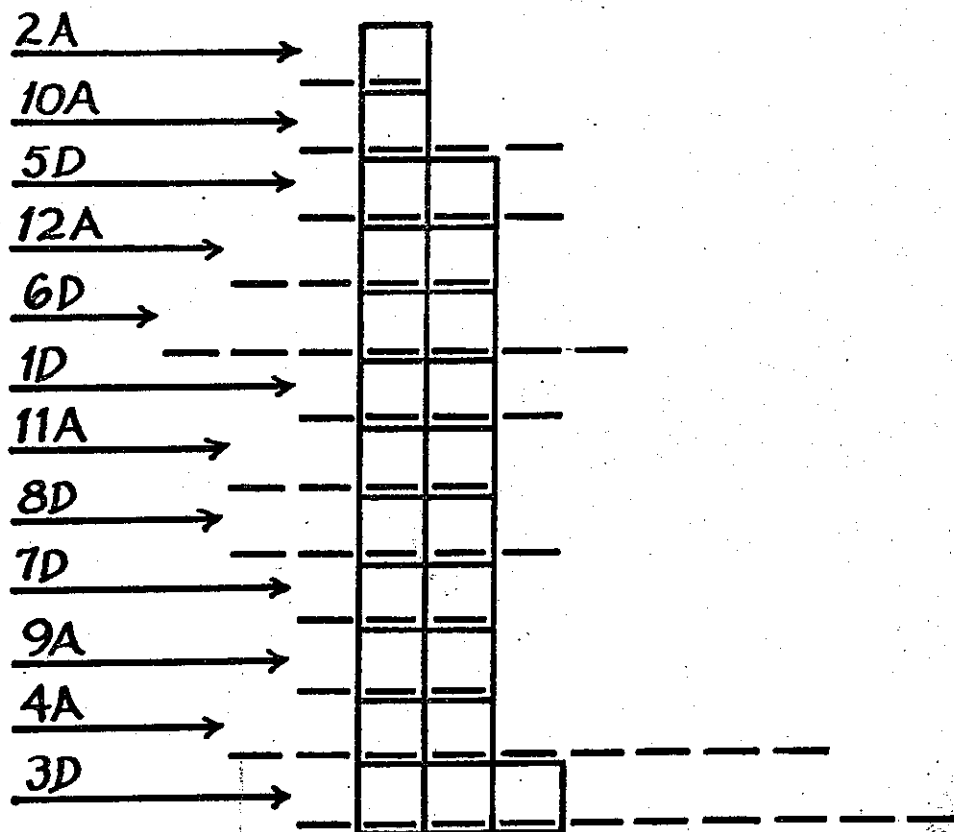
ACROSS

2. A present form of 'did'.
 4. A hydraulic machine is operated by water. A _____ machine is operated by air.
 9. One plus one equals _____.
 10. Impolite.
 11. Not false.
 12. Something you wear on your foot.

DOWN

1. Something you eat out of a bowl with a spoon.
 3. A military officer.
 5. The earth's nearest celestial body.
 6. A preposition meaning in one side and out another side of.
 7. Not old.
 8. Apples, oranges, and bananas.

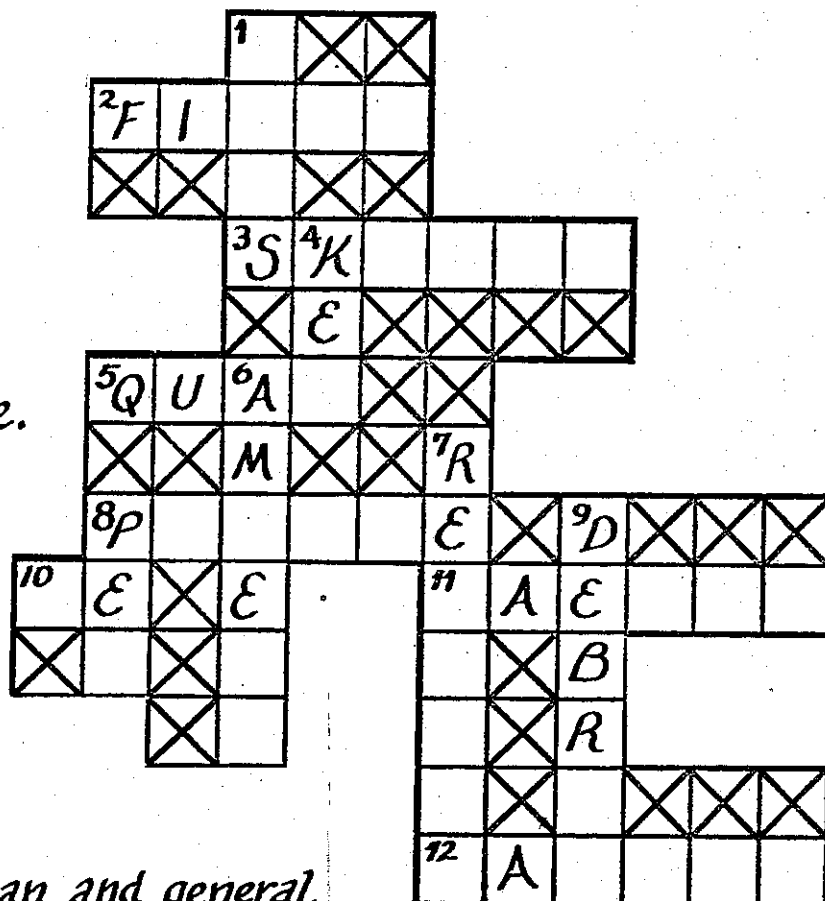
1 as in do



G as in WE

ACROSS

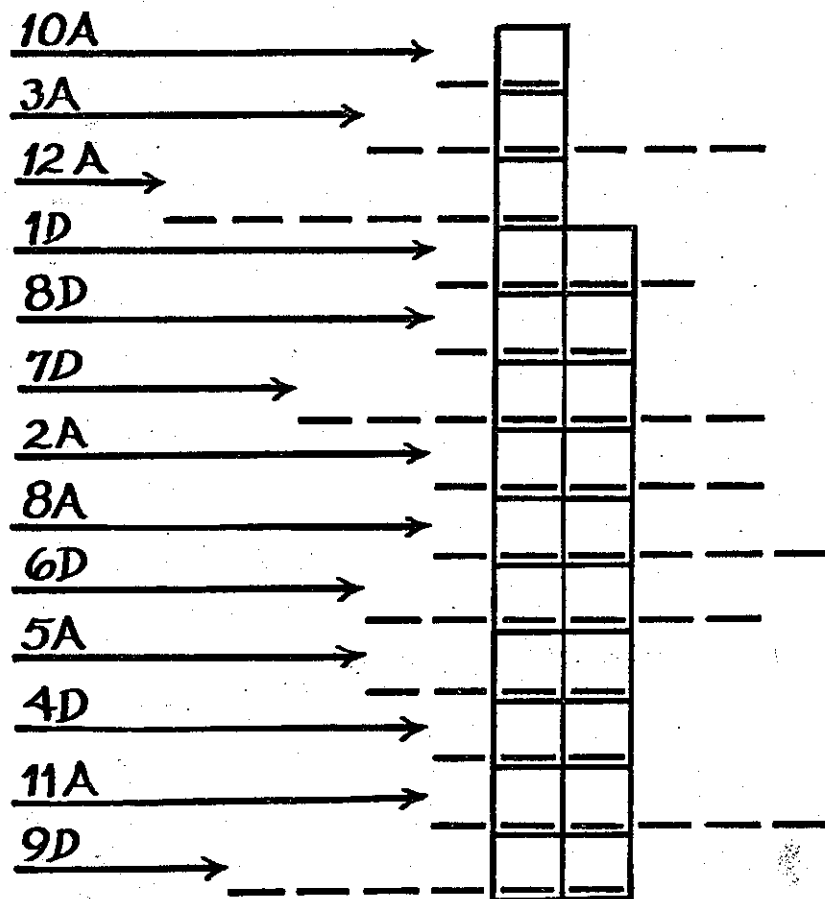
2. Wheat, cotton, and corn are grown in this place.
3. A winter sport.
5. A wharf.
8. More than one person.
10. A masculine pronoun.
11. Julius _____ was a famous Roman statesman and general.
12. The adverb form of easy.

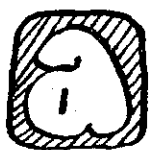


DOWN

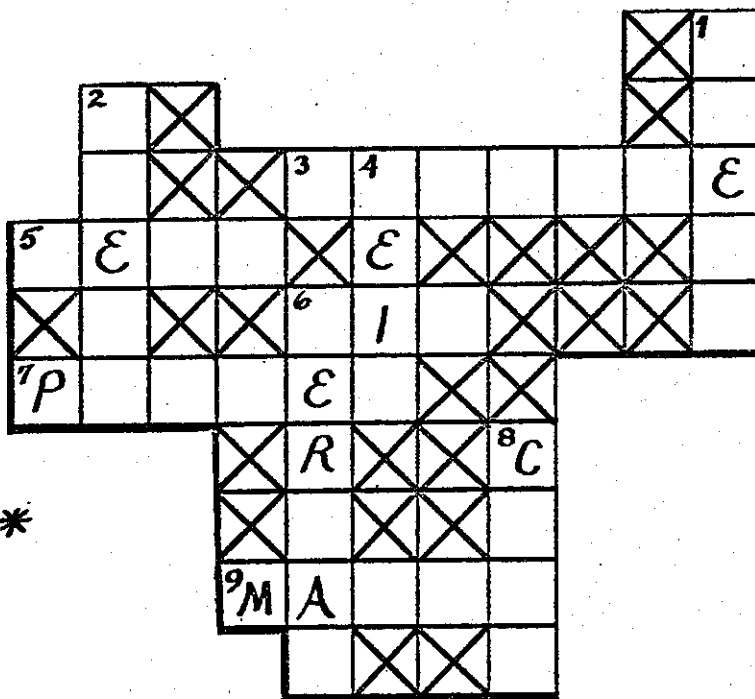
1. A present form of the verb see.
4. A small metal implement used to lock a door.
6. A microscopic one-celled organism.
7. The opposite of 'send'.
8. A small green vegetable.
9. The remains of an explosion.

G as in **WB**





capa



3. They are. (Contraction)*

6. What you breathe.

7. To say a _____ = to pray.

9. The chief administrator of a city.

1. There isn't enough, is _____?

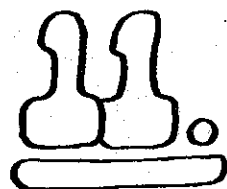
2. A possessive form of they.



4. The person who receives an inheritance.

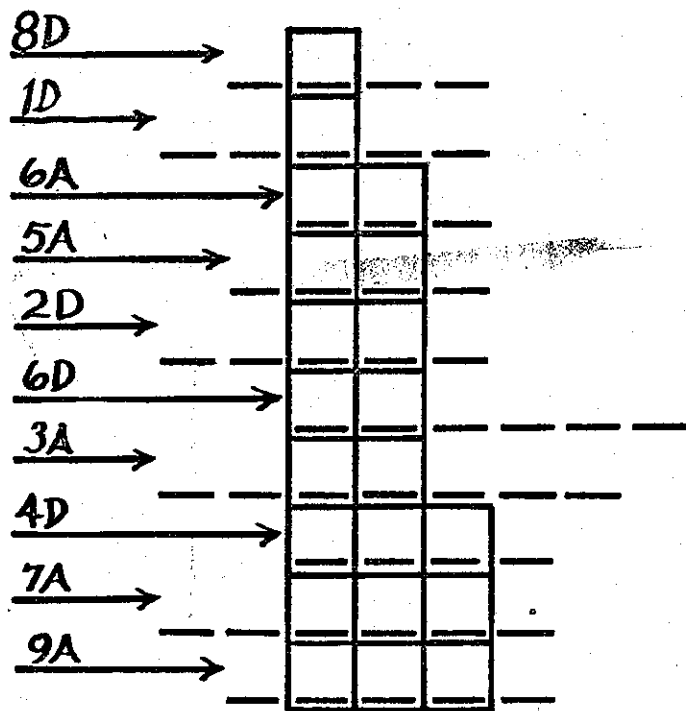
6. An antenna.

8. A noun form of careful.

*Use one box for the apostrophe.



 as in 

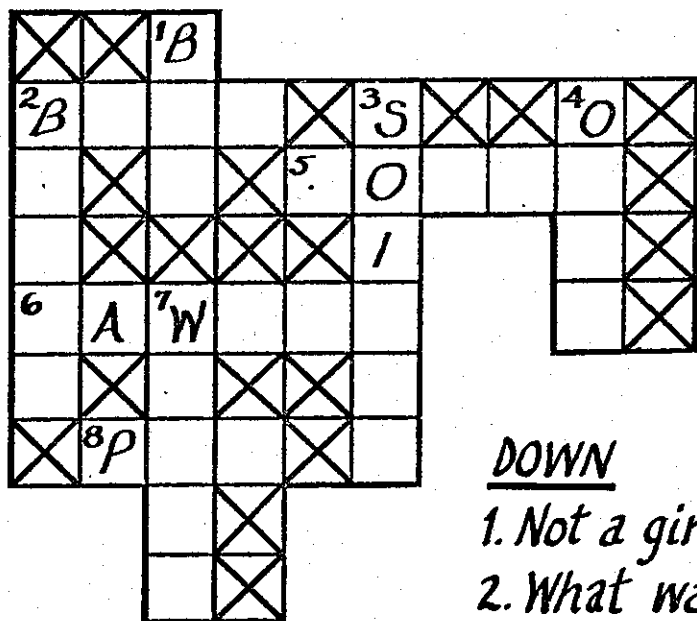


oo as in look

oi as in oil

oi as in reservoir

o as in one



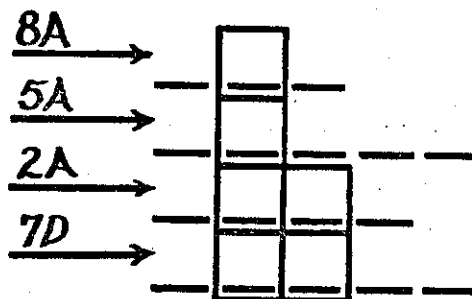
ACROSS

2. Something you read.
5. Not a man.
6. Someone who helps you with legal problems.
8. To place.

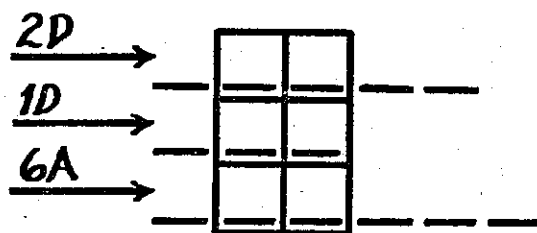
DOWN

1. Not a girl.
2. What water does at 100°C.
3. An evening party.
4. One time.
7. If I had the time, I _____ take a vacation.

oo as in **look**



oi as in **oil**



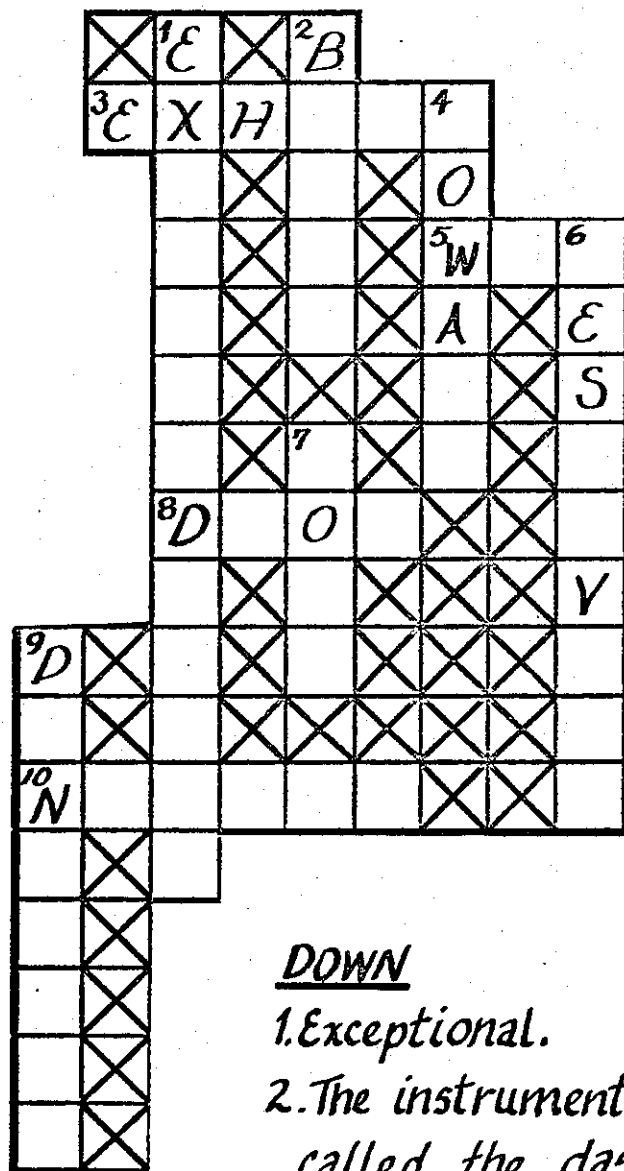
oi as in **reservoir**



o as in **one**



O as in Or



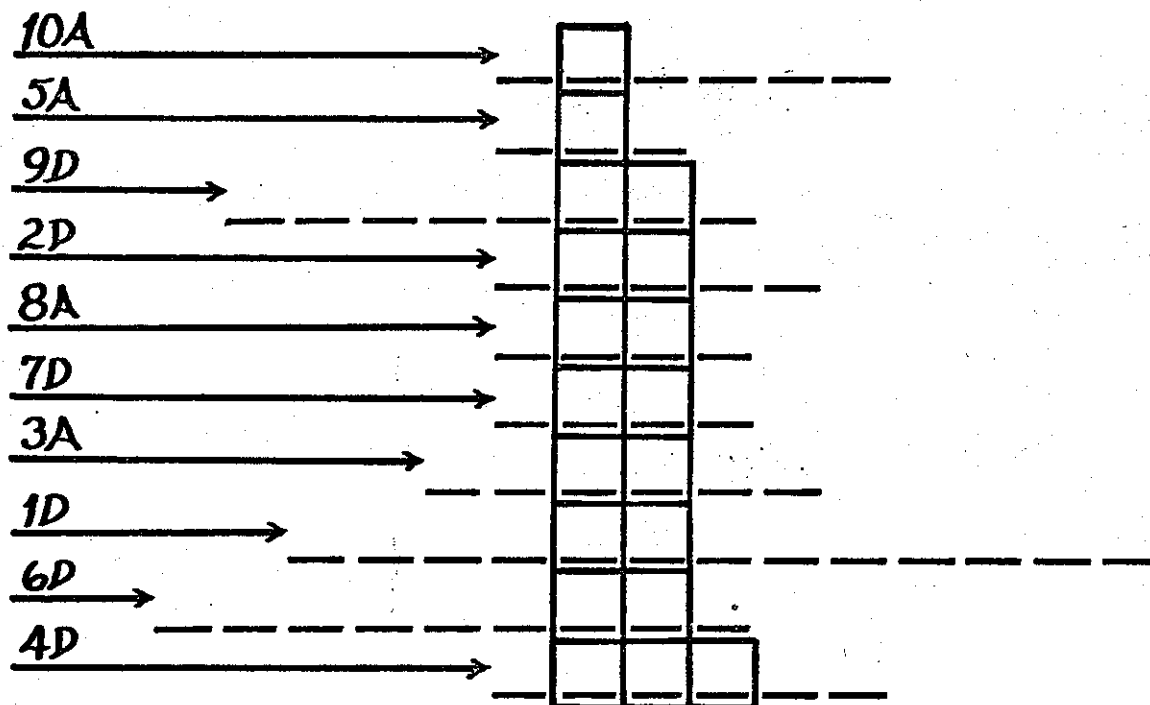
ACROSS

3. To urge strongly.
5. The opposite of 'peace'.
8. You open and close this.
10. Not abnormal.

DOWN

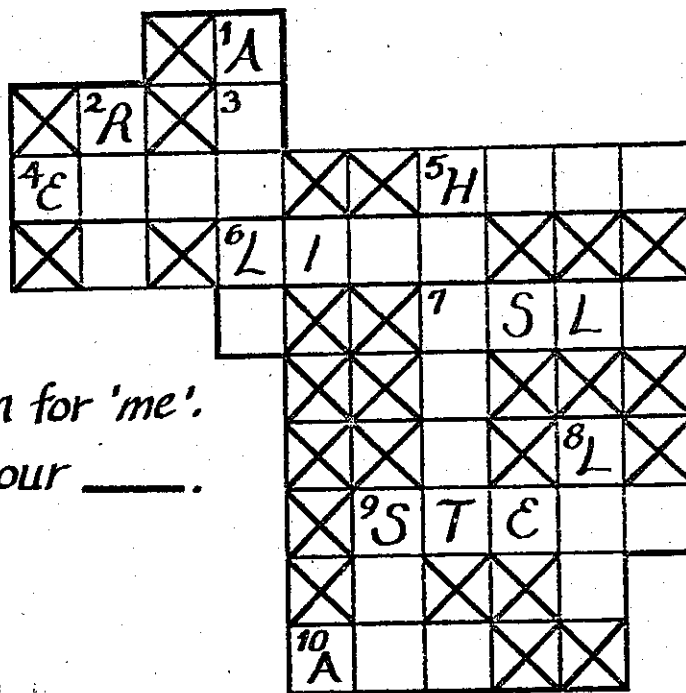
1. Exceptional.
2. The instrument panel of an automobile is also called the dash_____.
4. In the direction of.
6. A reserve of water.
7. Eight divided by two.
9. A large extinct reptile.

1 as in 1p





as in




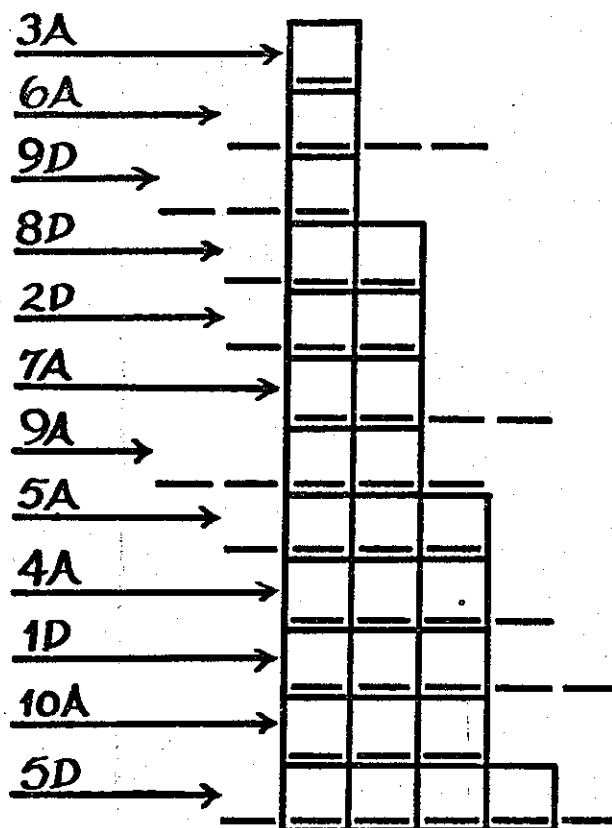
ACROSS

3. Another pronoun for 'me'.
4. You see with your _____.
5. Not low.
6. The same as.
7. A small island.
9. A mug for drinking beer.
10. In voting, 'nay' means no, '_____' means yes.

DOWN

1. The walkway leading to the seats in a theater.
2. A grain used in making flour and whiskey.
5. The noun form of 'high'.
8. To tell something that is untrue.
9. Where birds and airplanes fly.

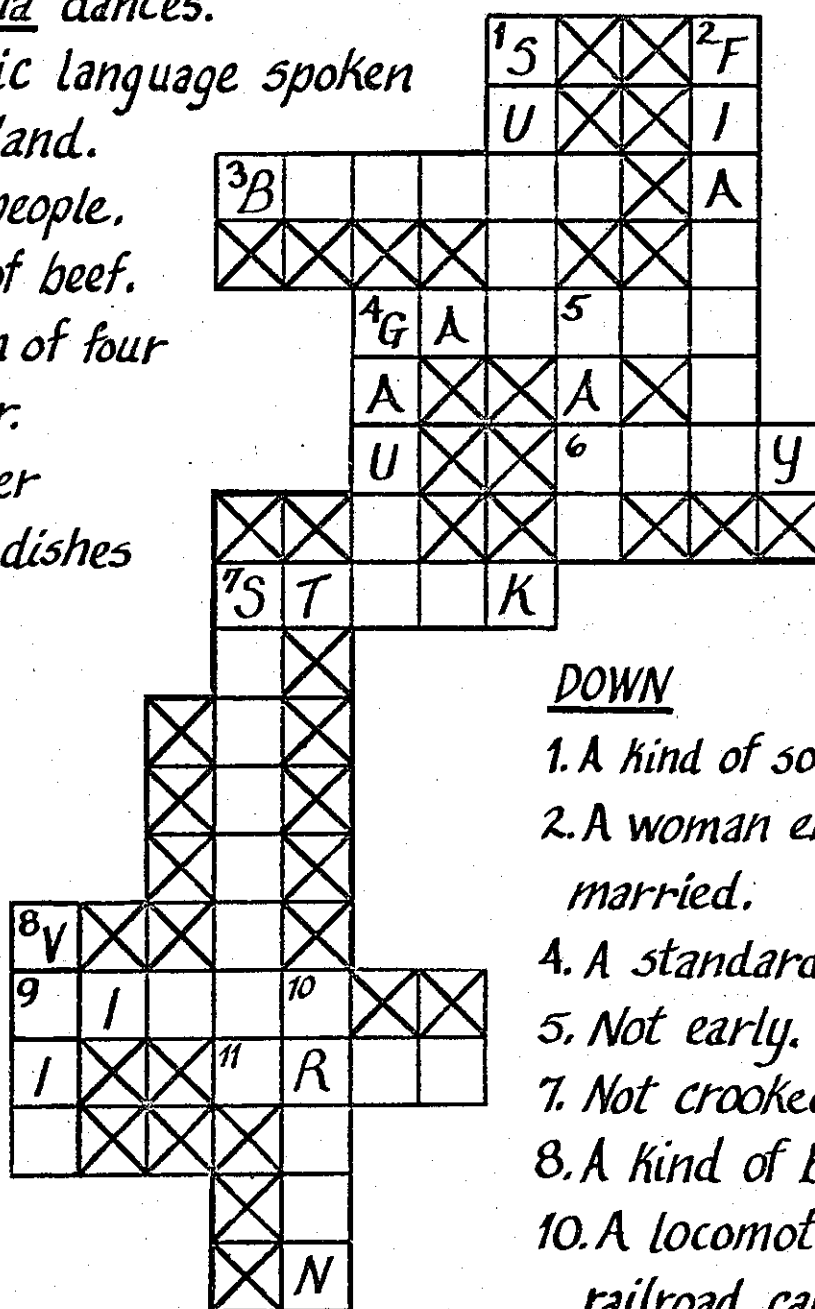
 as in like



a as in late

ACROSS

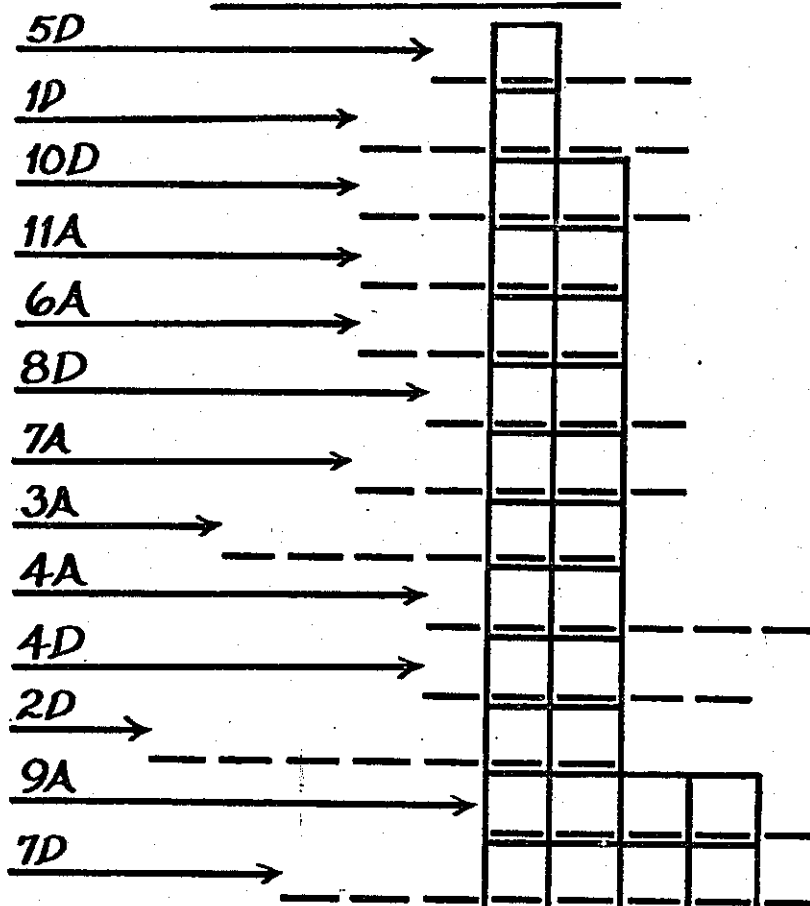
3. The kind of dance a ballerina dances.
 4. A Celtic language spoken in Ireland.
 6. Those people.
 7. A cut of beef.
 9. The sum of four and four.
 11. A waiter carries dishes on this.

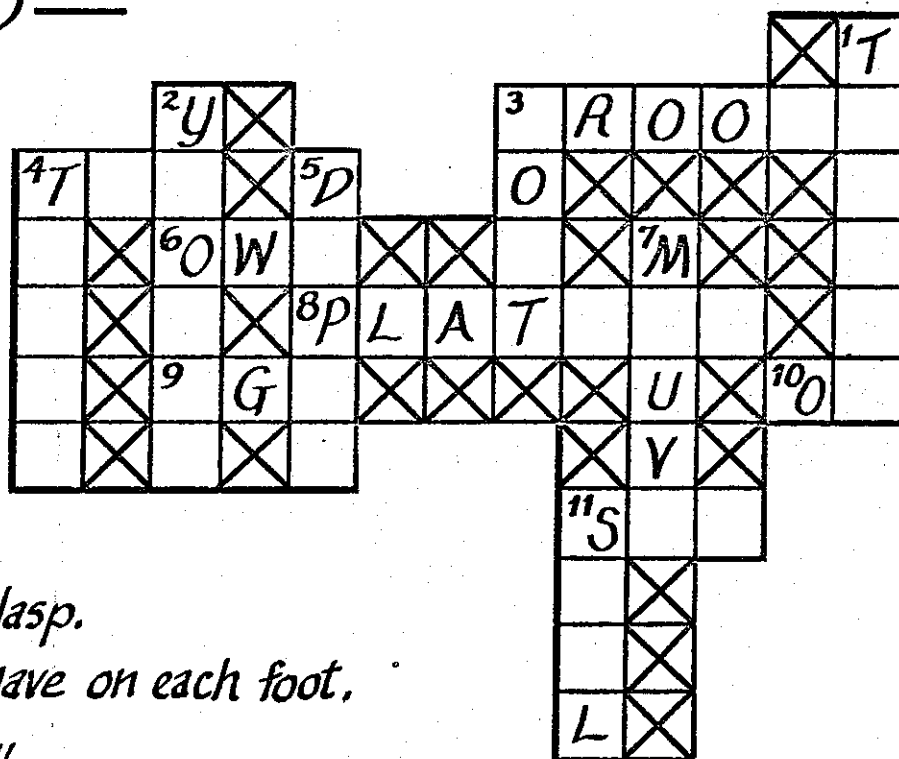
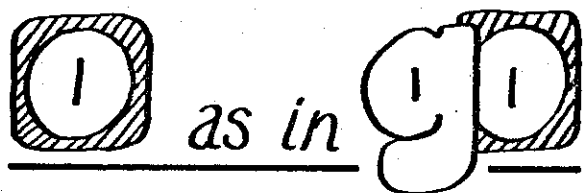


DOWN

1. A kind of soft leather.
 2. A woman engaged to be married.
 4. A standard of measurement.
 5. Not early.
 7. Not crooked.
 8. A kind of blood vessel.
 10. A locomotive and railroad cars.

A as in **late**





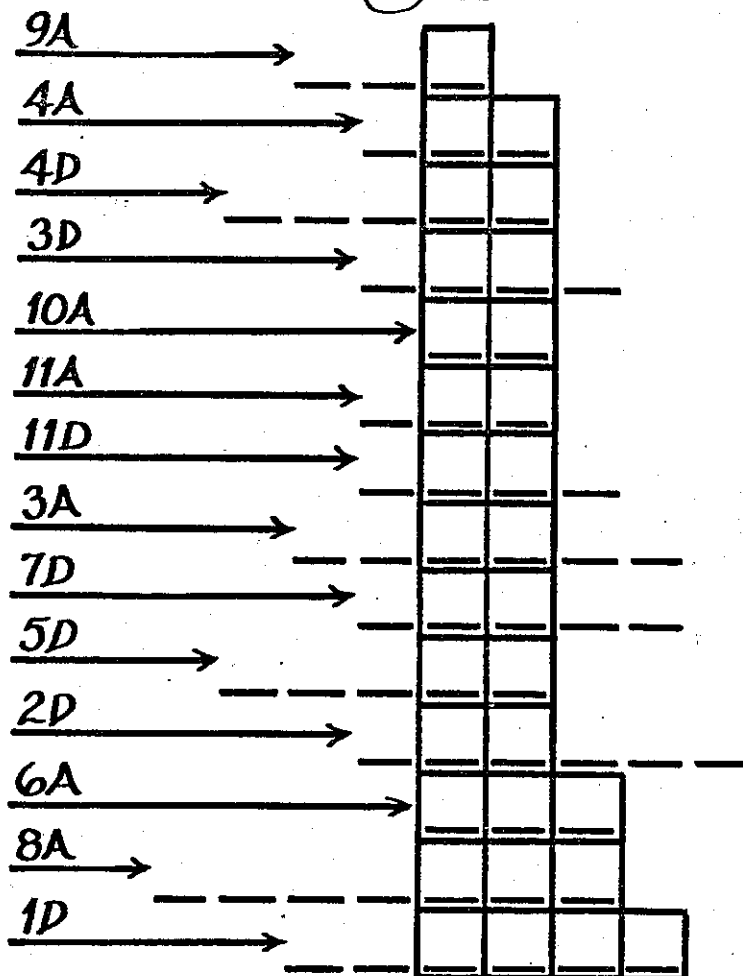
ACROSS

3. A large decorative piece of jewelry in the form of a pin or clasp.
4. One of the five you have on each foot.
6. To have to pay or repay.
8. A flat elevated piece of land.
9. A past time expression.
10. An exclamation of surprise.
11. To use a needle and thread.

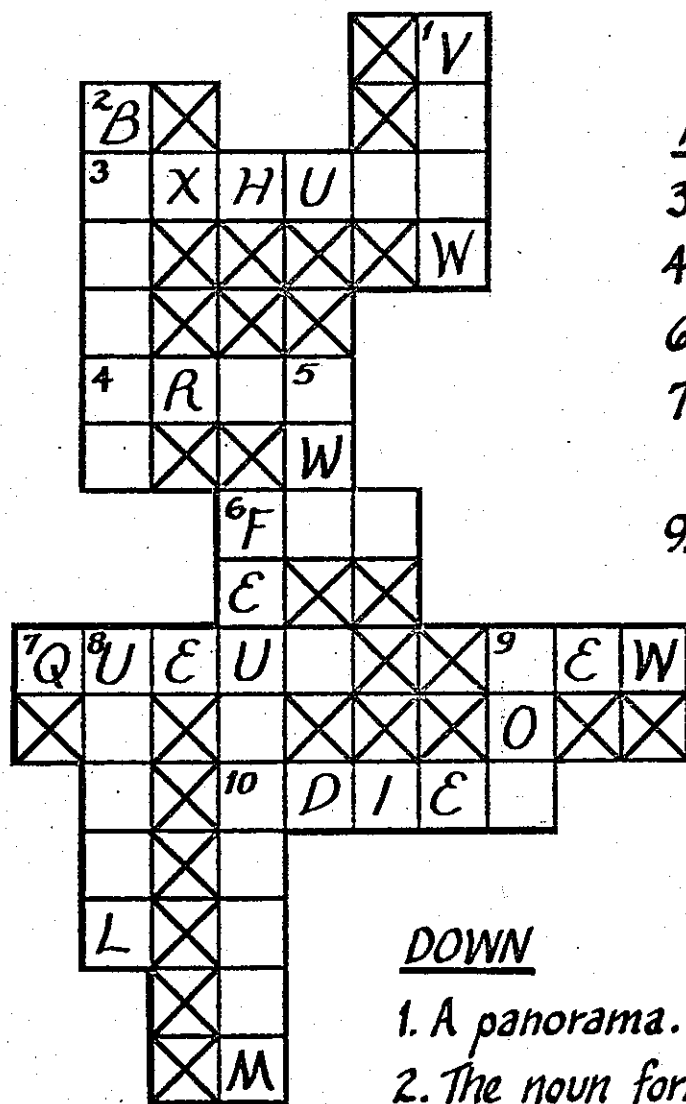
DOWN

1. Another form of although.
2. A member of a class of farmers in England.
3. A small ship.
4. To toss.
5. A bus or railroad station.
7. A pale violet color.
11. The spiritual center of your body.

1 as in go



U as in US!



ACROSS

3. To remove from a grave.
4. Not false.
6. Not many.
7. A waiting line of people or vehicles.
9. A kind of evergreen tree.
10. Farewell.

DOWN

1. A panorama.
2. The noun form of beautiful.
5. A female sheep.
6. The political system of Europe from the 9th to the 15th century A.D.
8. Customary.
9. I love _____.

b

as in

bay18.**p**

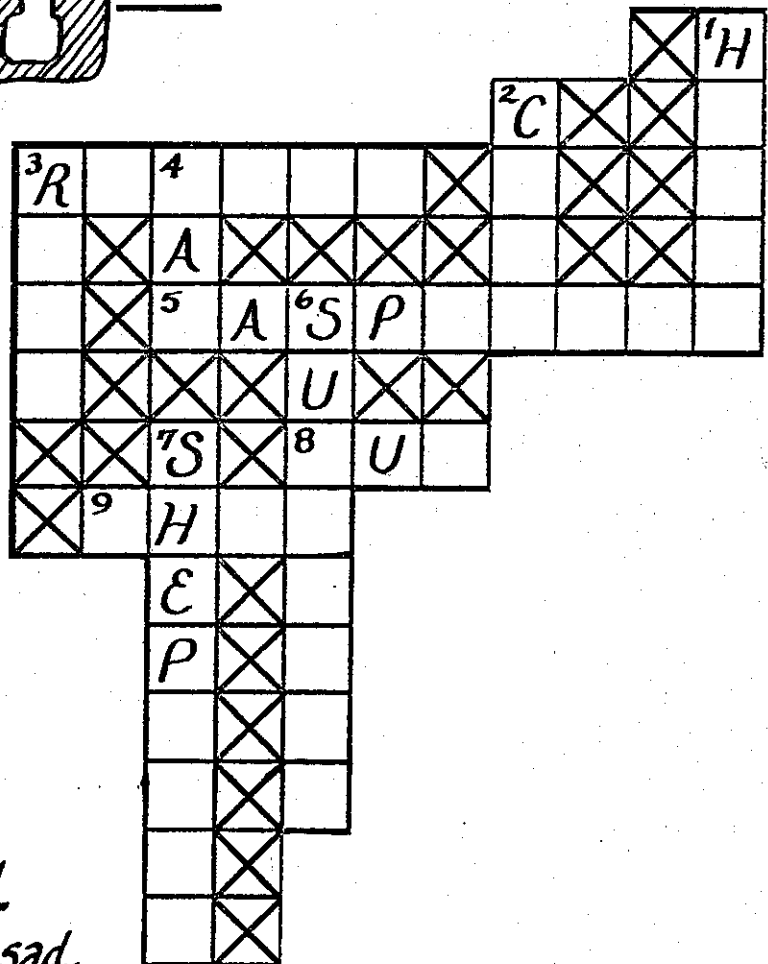
as in

potACROSS

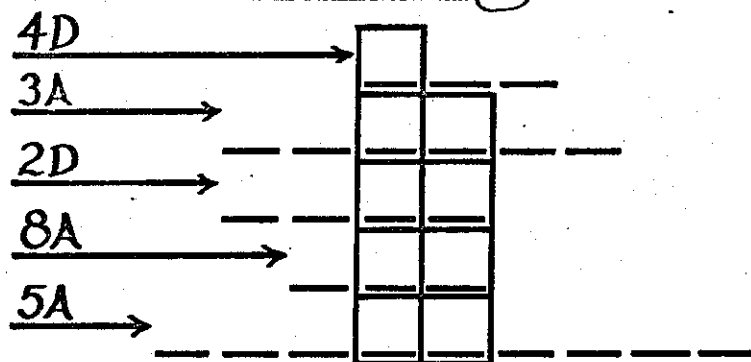
3. Tires are made of this material.
5. A small sweet red berry.
8. To purchase.
9. A large boat.

DOWN

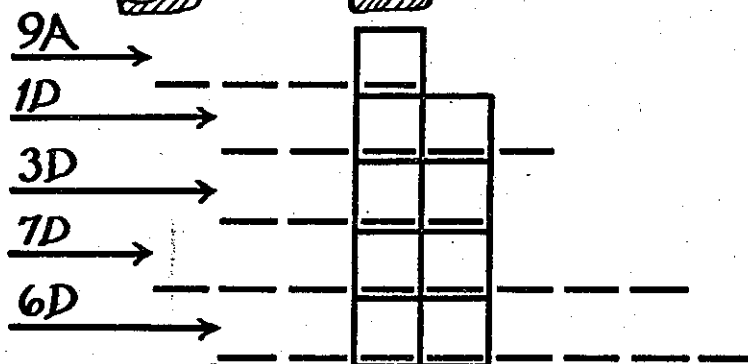
1. Not sad.
2. A 3-dimensional square.
3. A lasso is a long _____.
4. A place where people buy alcohol.
6. A legal order requiring appearance in court to give testimony.
7. The man who takes care of a herd of sheep.



b as in **bay**



p as in **pot**



t as in **top**

19.

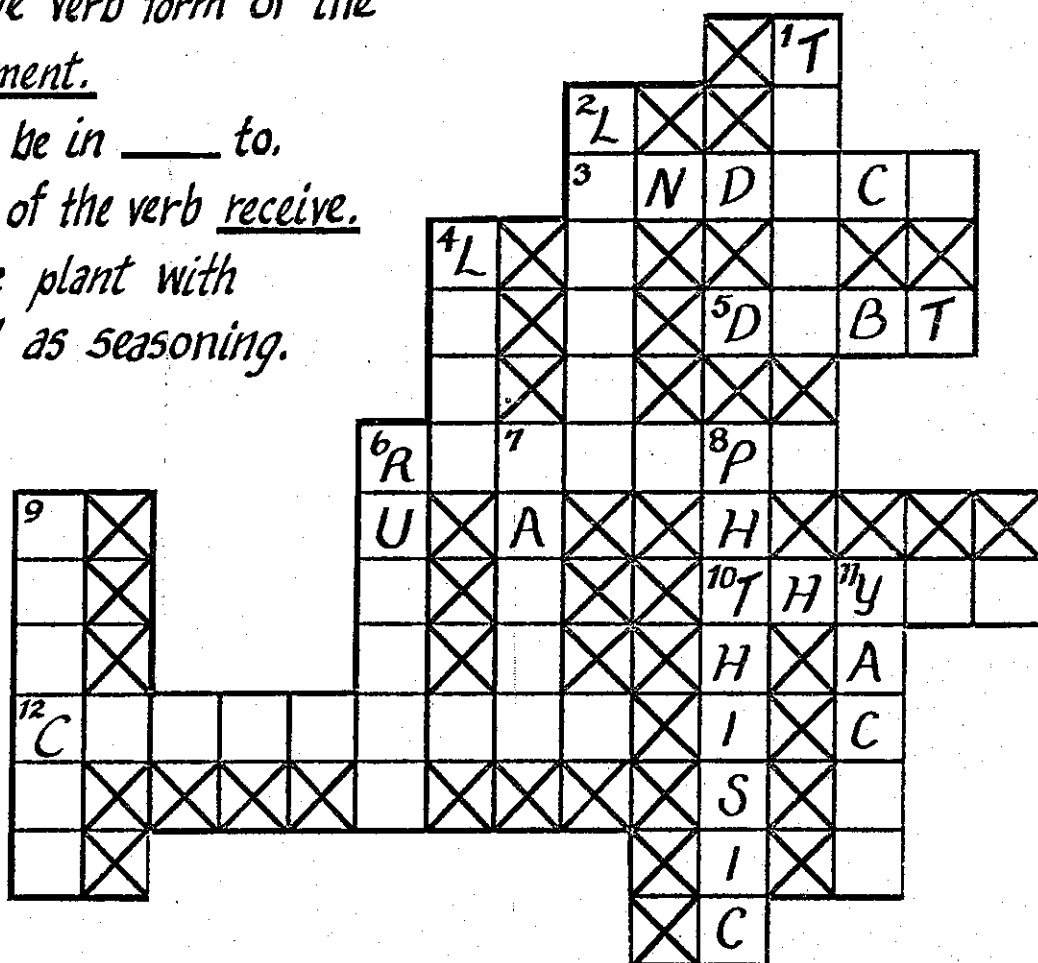
ACROSS

3. The infinitive verb form of the noun indictment.
5. To owe = to be in _____ to.
6. A noun form of the verb receive.
10. An aromatic plant with leaves used as seasoning.
12. Something you smoke.

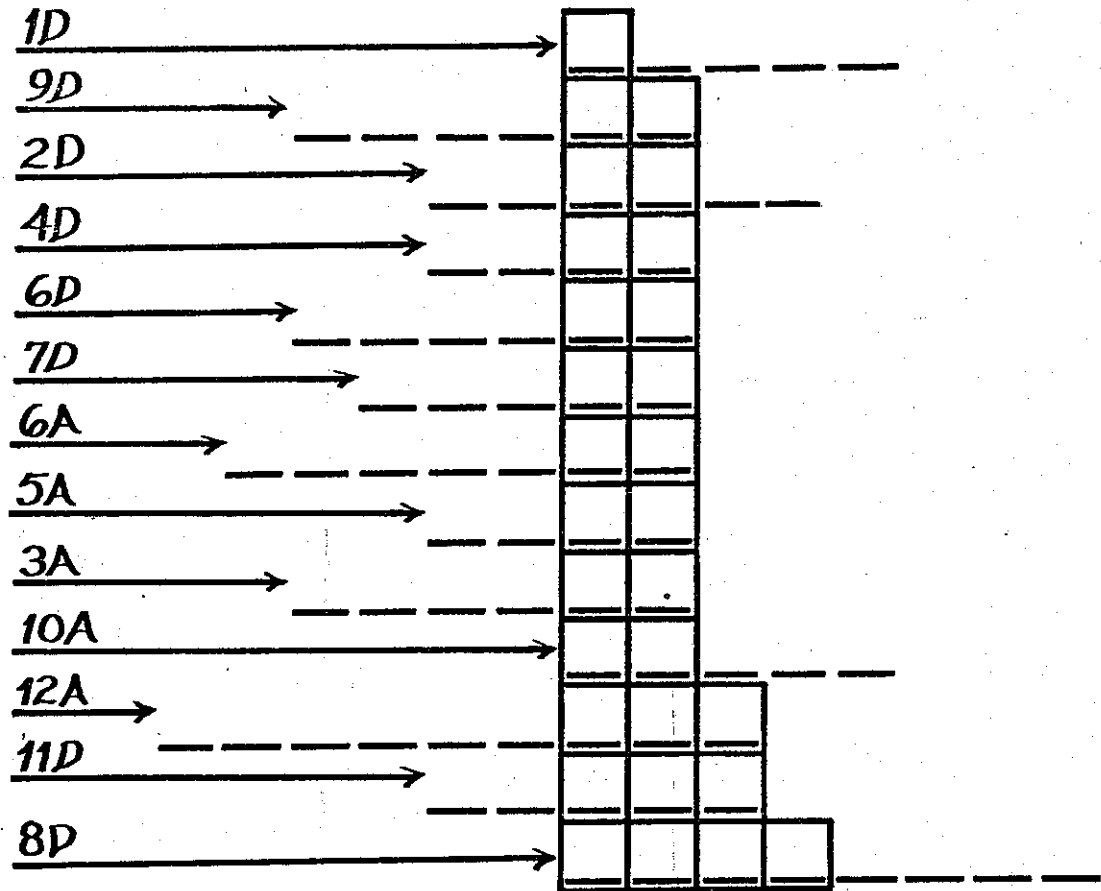
DOWN

1. Two times.
2. Small.
4. Not early.
6. Hurried.
7. Cannot. (Contraction)*
8. Tubercular.
9. The past form of the verb 'place'.
11. A large private pleasure boat.

*Use one box for the apostrophe.



t as in **top**



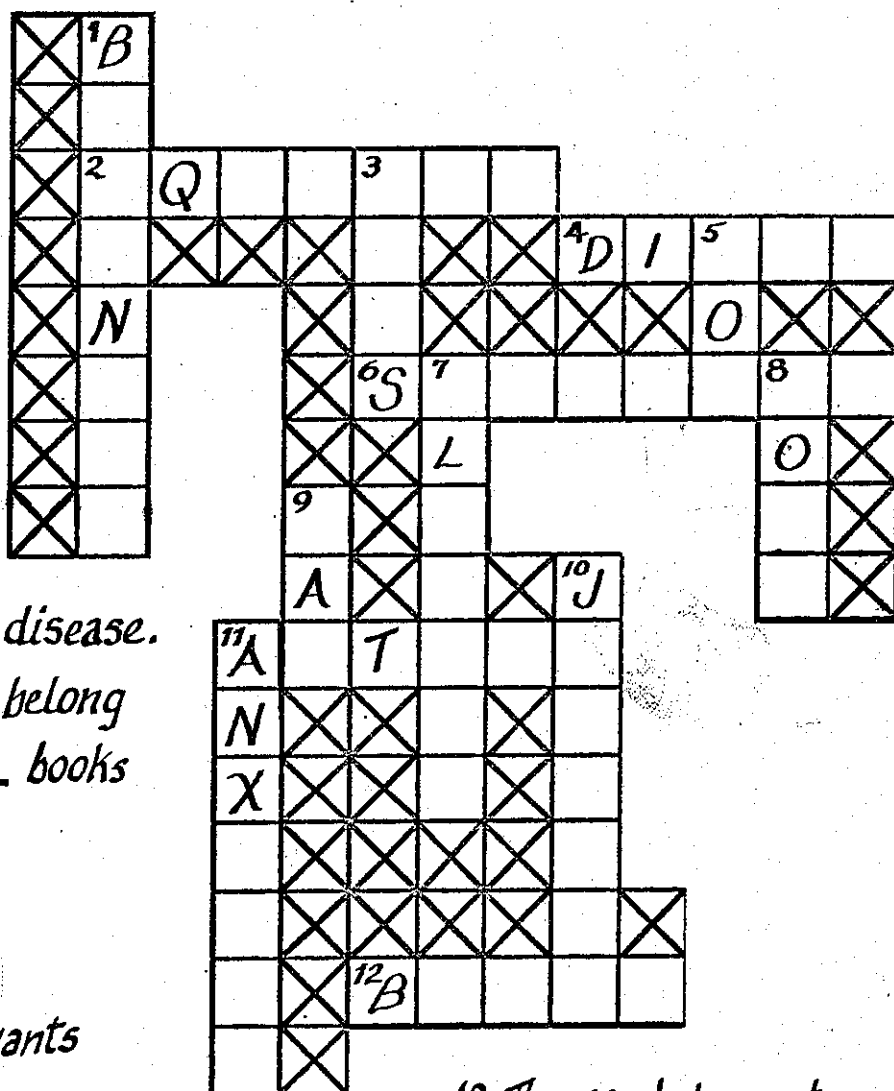
S as in **is**

20.

's as in **James's**

ACROSS

2. You must do this to a lemon to make lemonade.
4. When you spin yourself around you feel this way.
6. These are used for cutting paper.
11. A chronic respiratory disease.
12. The books on the shelf belong to the boys. = The _____ books are on the shelf.*



DOWN

1. A person who is nosy wants to know everyone's _____.
3. The radio belongs to Ed. It's _____ radio.*
5. An animal park.
7. Pants, shirts, sweaters, etc.
8. A beautiful red flower.
9. A present form of the verb have.
10. The car belongs to James. It is _____ car.
11. A noun form of anxious.

*Use a box for the apostrophe.

S as in **is**

9D	→				
5D	→				
11D	→				
6A	→				
8D	→				
2A	→				
4A	→				
3D	→				
12A	→				
1D	→				
11A	→				
7D	→				

'S as in **James's**

10D	→		
-----	---	--	--

receipt.

3. A sacred song or hymn.

6. A kind of dance.

8. The man who you work for is
your _____.

9. Let us. (Contraction)*

11. A narrow strip of land connecting two larger masses of land.

13. One mouse + one mouse = two ____.

14. A separation or division into factions.

DOWN

1. You do this with your ears.

3. A pledge.

4. A response or reply.

5. *Tactful behavior.*

7. To consent passively.

10. A general name for biology, chemistry, physics, etc.

12. I have to leave now.

I leave now.

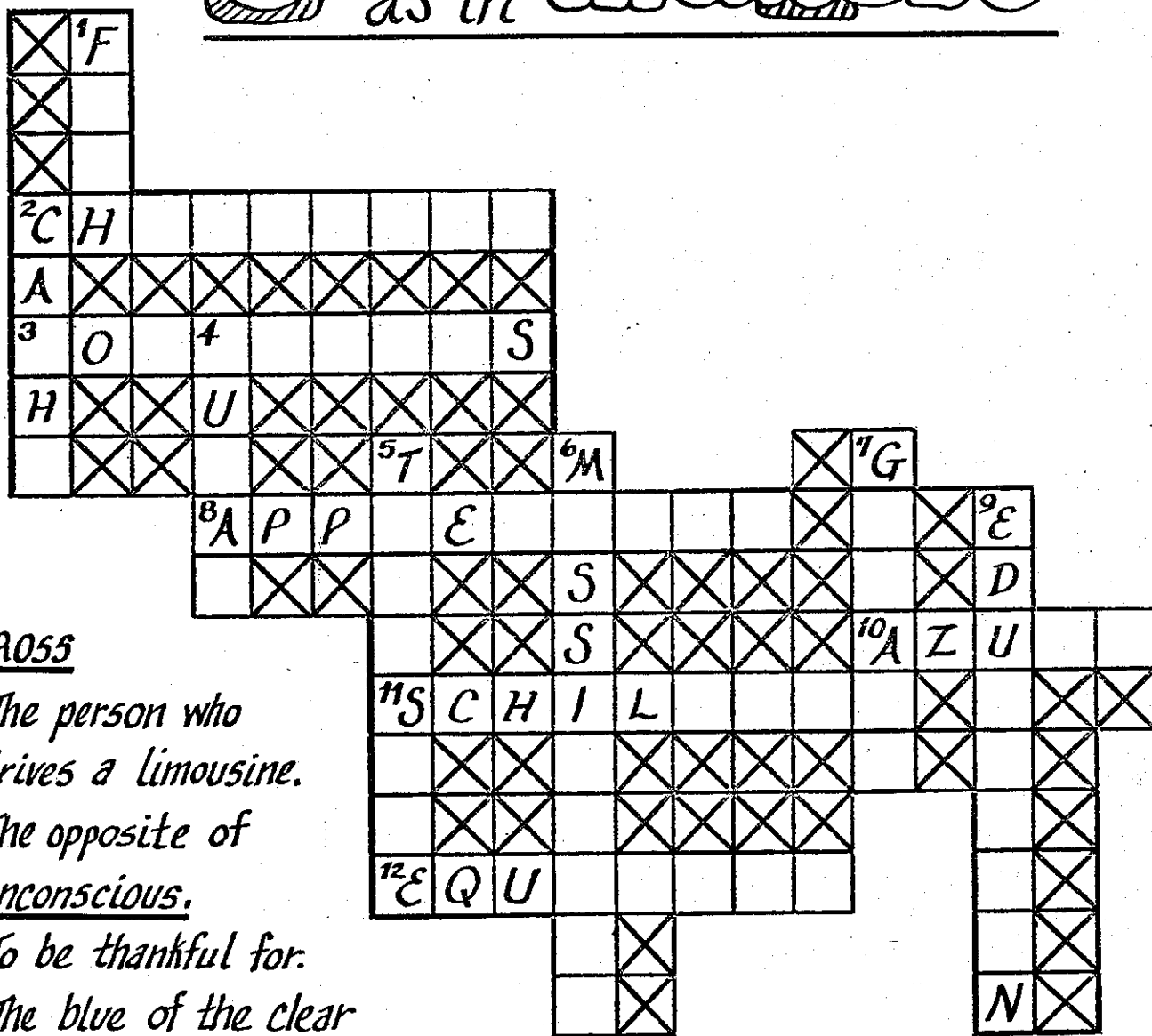
** Use a box for the apostrophe.*

S as in US

12D	→				
2A	→				
6A	→				
8A	→				
3D	→				
9A	→				
13A	→				
4D	→				
1D	→				
10D	→				
3A	→				
7D	→				
5D	→				
14A	→				
11A	→				

sh as in **shot**

S as in **measure**



ACROSS

2. The person who drives a limousine.
3. The opposite of unconscious.
8. To be thankful for.
10. The blue of the clear daytime sky.
11. The basic monetary unit of Austria.
12. ' $a^2 + b^2 = c^2$ ' is a kind of _____.

DOWN

1. A sea animal.
2. A hiding place used for storage.
4. Something sweet you put in coffee.
5. Gold, money, and jewels that pirates buried in secret places.
6. A person sent to a territory or foreign country to do religious or charitable work.
7. A building in which a car is parked.
9. The reason why you go to school.

sh as in **she**

4D	→			
8A	→			
9D	→			
1D	→			
2A	→			
6D	→			
3A	→			
11A	→			
2D	→			

s as in **measure**

5D	→		
10A	→		
12A	→		
7D	→		

m as in rhythm

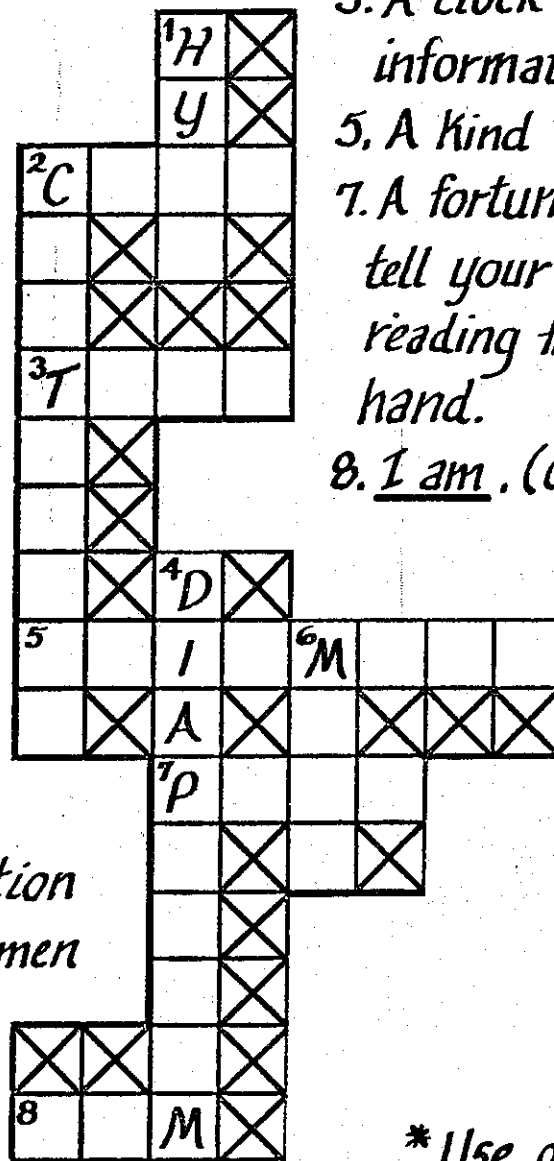
m as in mat

ACROSS

2. An object used to arrange your hair.
 3. A clock gives you this information.
 5. A kind of pool.
 7. A fortune teller can tell your fortune by reading the _____ of your hand.
 8. I am. (Contraction)*

DOWN

1. A religious song of praise or thanksgiving.
 2. A noun form of the verb criticize.
 4. The muscular partition separating the abdomen and the lungs functioning in respiration.
 5. A white drinkable liquid.



* Use one box for the apostrophe.

m as in **mat**

6D	→			
5A	→			
3A	→			
2A	→			
7A	→			
4D	→			
1D	→			
8A	→			

m as in **rhythm**

2D	→	
----	---	--

n as in in

24.

n as in wouldn't

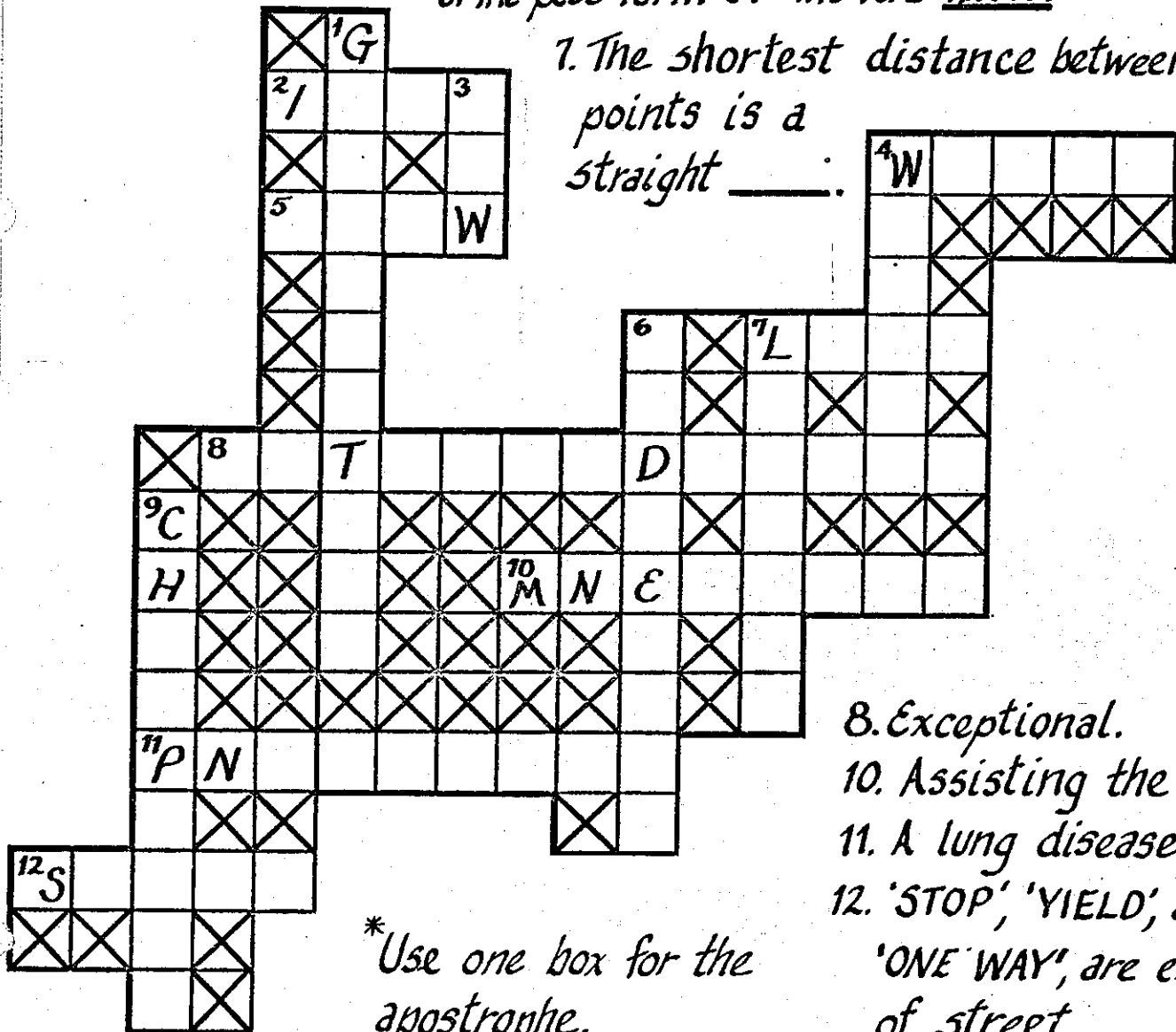
ACROSS

2. A common metal - (Fe) in chemistry.

4. Will not. (Contraction)*

5. The past form of the verb know.

7. The shortest distance between two points is a straight _____.



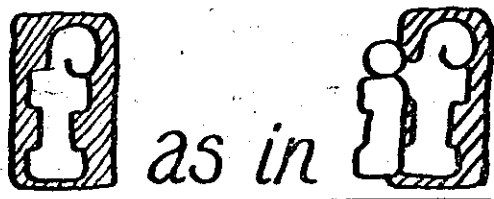
8. Exceptional.

10. Assisting the memory.

11. A lung disease.

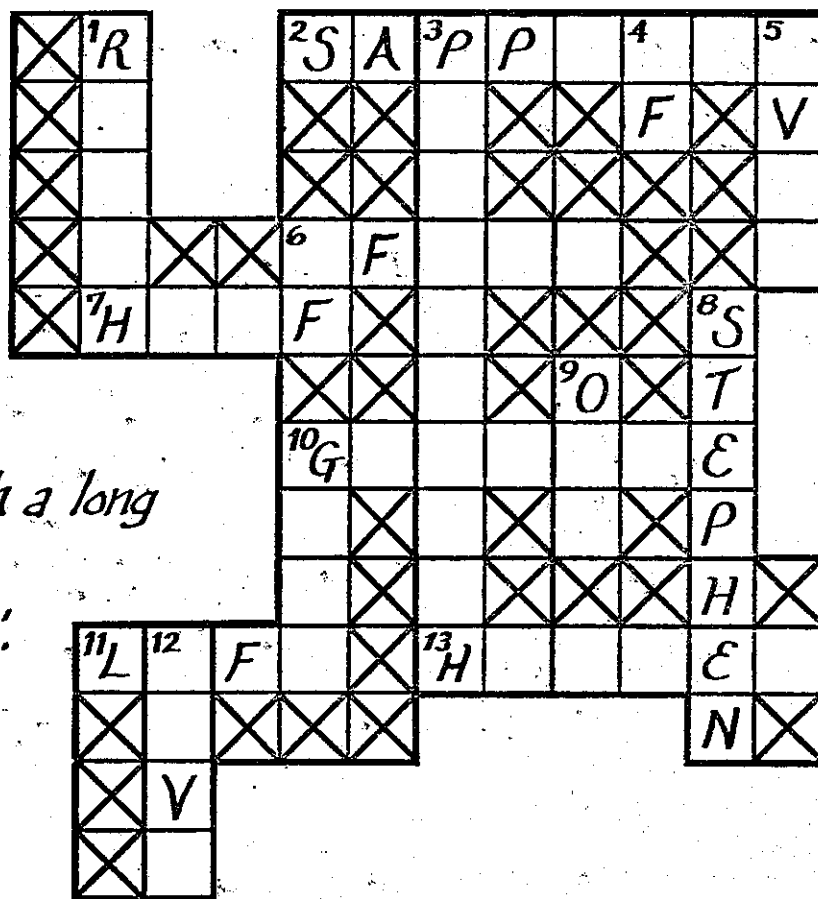
12. 'STOP', 'YIELD', and 'ONE WAY', are examples of street _____.

*Use one box for the apostrophe.



ACROSS

2. A precious blue stone.
6. Frequently.
7. Fifty is _____ of one hundred.
10. An African animal with a long neck.
11. The opposite of 'death'.
13. Two _____ make a whole.



DOWN

1. The opposite of 'smooth'.
3. A picture produced by a camera.
4. Whether.
5. 1, 3, 5, 7, etc. are odd numbers. 2, 4, 6, 8, etc. are _____ numbers.
6. A box _____ chalk.
8. A variation of the name 'Steven'.
9. To turn on ≠ to turn _____.
10. _____ - gave - given.
12. I have. (Contraction.)*

* Use a box for the apostrophe.

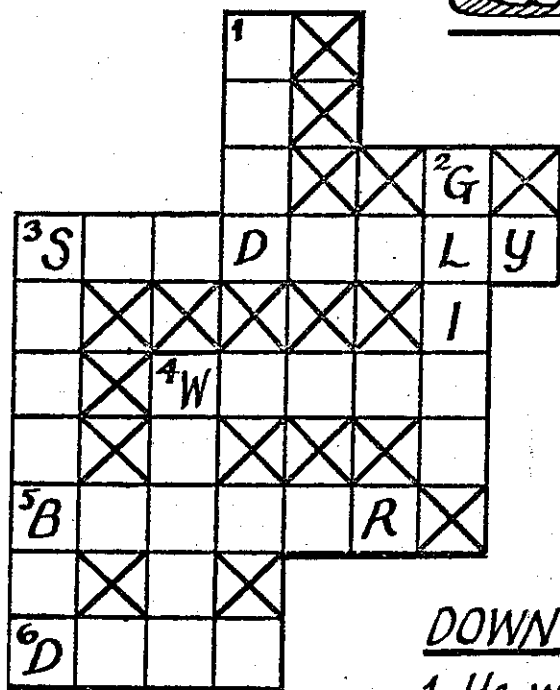
f as in **if**

4D	→			
9D	→			
11A	→			
3D	→			
7A	→			
1D	→			
6A	→			
10A	→			
2A	→			

v as in **seven**

6D	→			
5D	→			
10D	→			
8D	→			
12D	→			
13A	→			

d as in **dust**



ACROSS

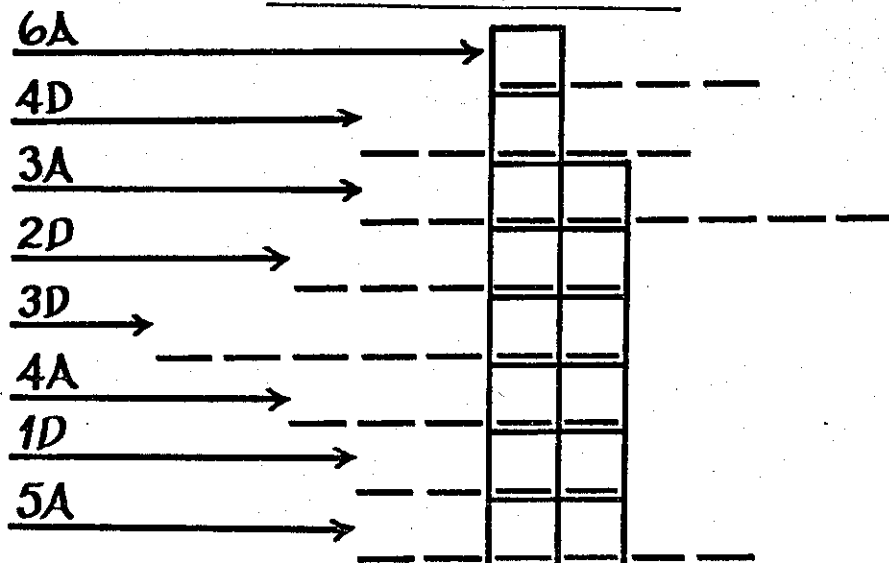
3. All of a sudden.
4. I _____ like. (Polite form of 'want')
5. Good - _____ - best.
6. Not light.

DOWN

1. He would, (Contraction.)*
2. To fly without propulsion.
3. Killed with a knife.
4. H₂O

*Use one box for the apostrophe.

d as in **dust**



th as in **this**

27.

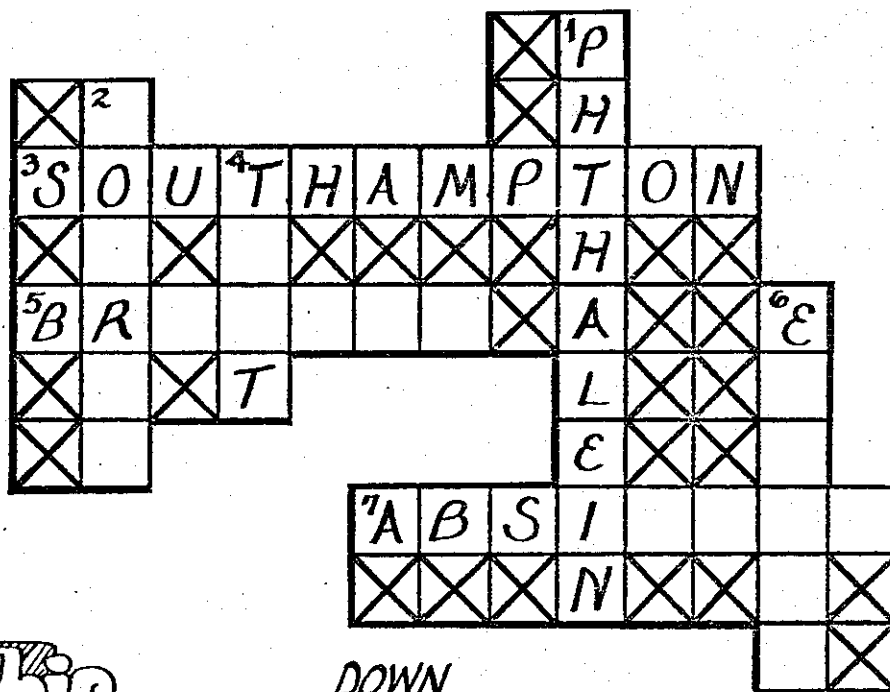
th as in **thin**

ACROSS

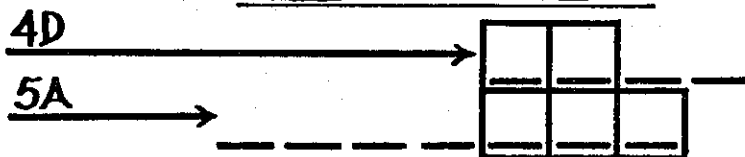
3. A port in southern England.

5. To inhale and exhale.

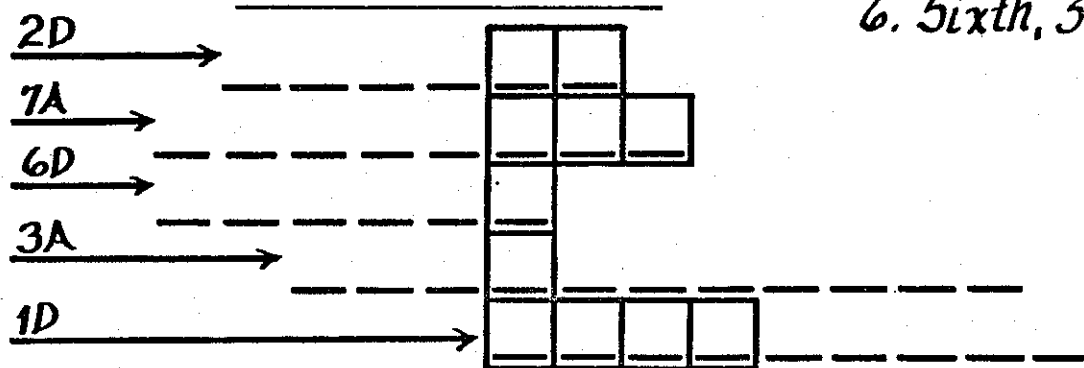
7. A strong green liqueur.



th as in **this**



th as in **thin**



DOWN

1. An intensely colored dye.

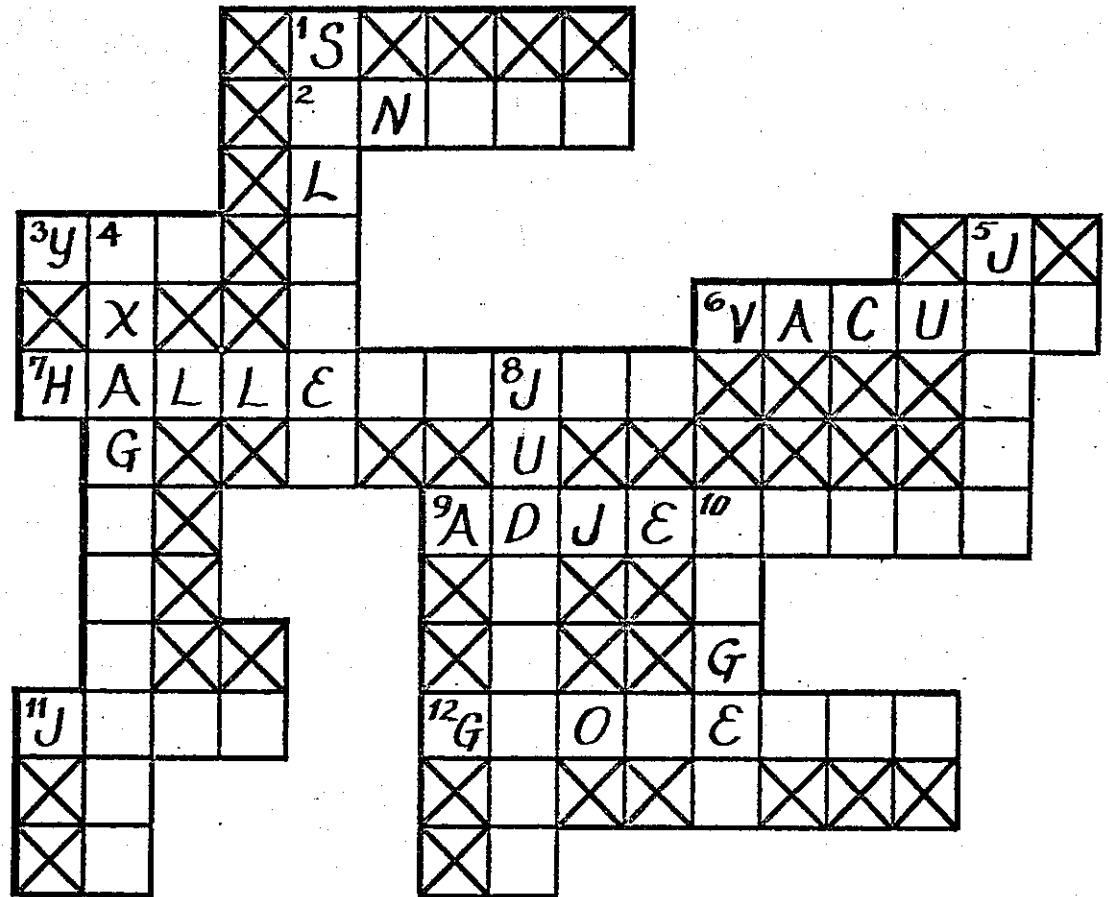
2. Between the third and the fifth.

4. The singular form of 'those'.

6. Sixth, seventh, _____.

y as in yes

j as in jack



ACROSS

2. This vegetable makes you cry.
3. An affirmative reply.
6. A _____ cleaner is an appliance that cleans carpets.
7. An expression of praise or joy.
9. In grammar, a word that describes a noun or a pronoun.
11. New Orleans is the home of this kind of music.
12. A kind of mathematics.

DOWN

1. A member of an army.
4. To overstate.
5. A person who judges.
8. A verdict.
10. In a zoo, many animals are kept in _____.

y as in yes

3A	→		
2A	→		
7A	→		
6A	→		

j as in jack

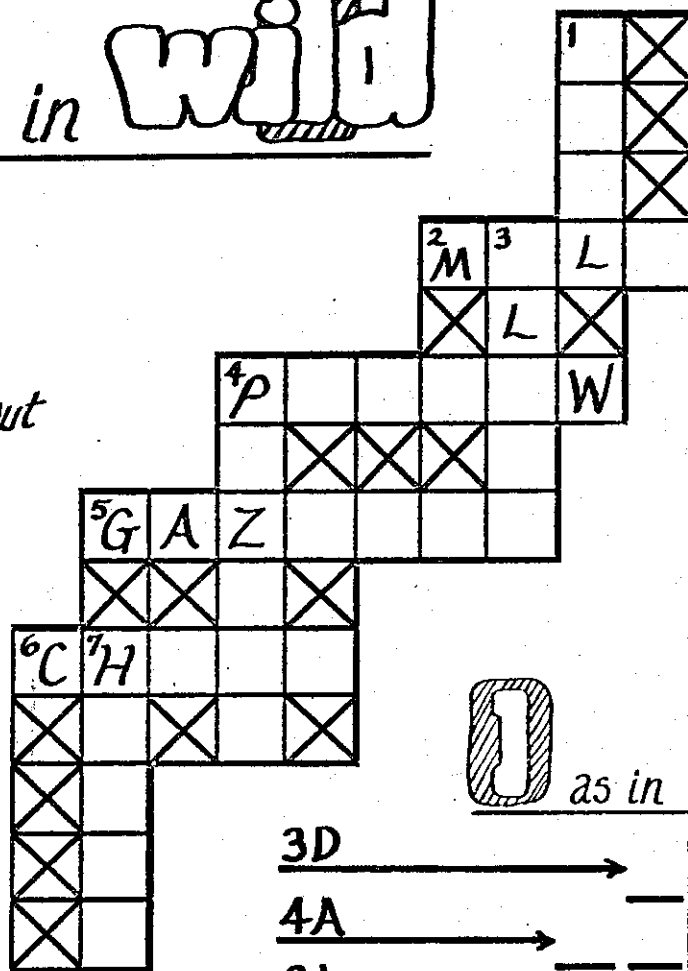
11A	→		
12A	→		
1D	→		
10D	→		
4D	→		
8D	→		
9A	→		
5D	→		

I as in let

I as in wild

ACROSS

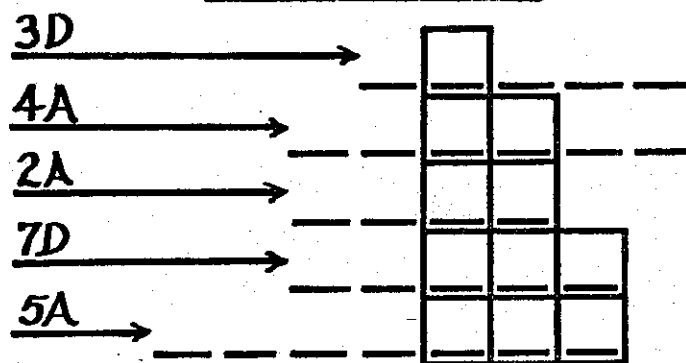
2. Not female.
4. When you sleep, you put your head on this.
5. An antelope.
6. The singular form of children.



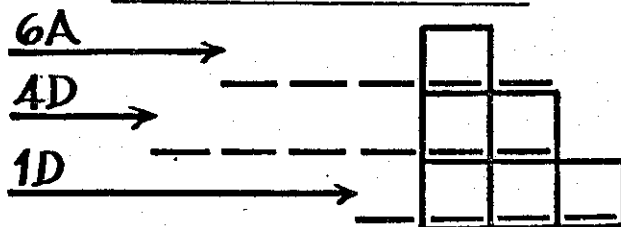
DOWN

1. I will, (Contraction.)*
3. By yourself.
4. At this moment you are working on a crossword _____.
7. He will, (Contraction.)*

I as in let



I as in wild



*Use one box for the apostrophe.

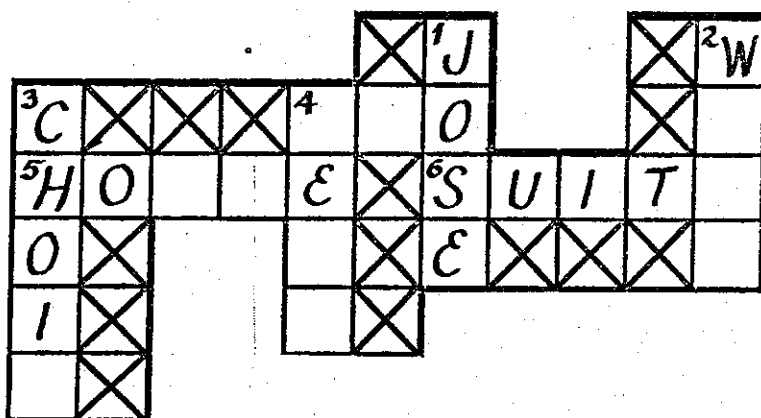
w as in **wet**

wh as in **where**

h as in **hat**

ACROSS

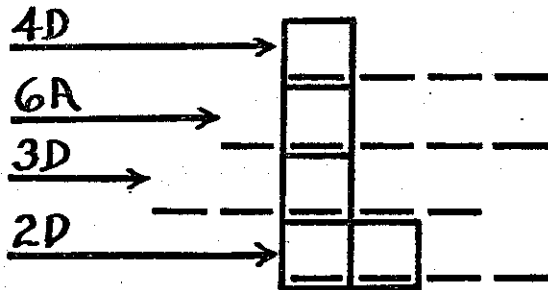
4. Which person?
5. A residence.
6. A series of connected rooms used as a living unit.



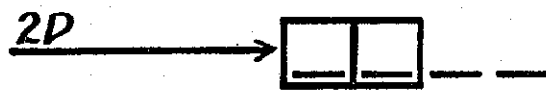
DOWN

1. Joseph in Spanish.
2. At what time?
3. An organized group of church singers.
4. Seven days.

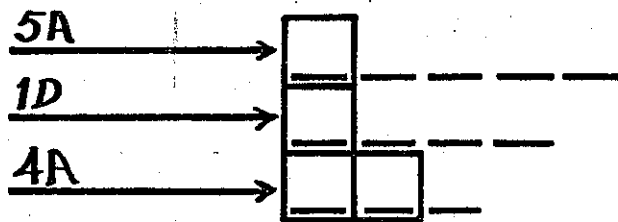
w as in **wet**



wh as in **where**



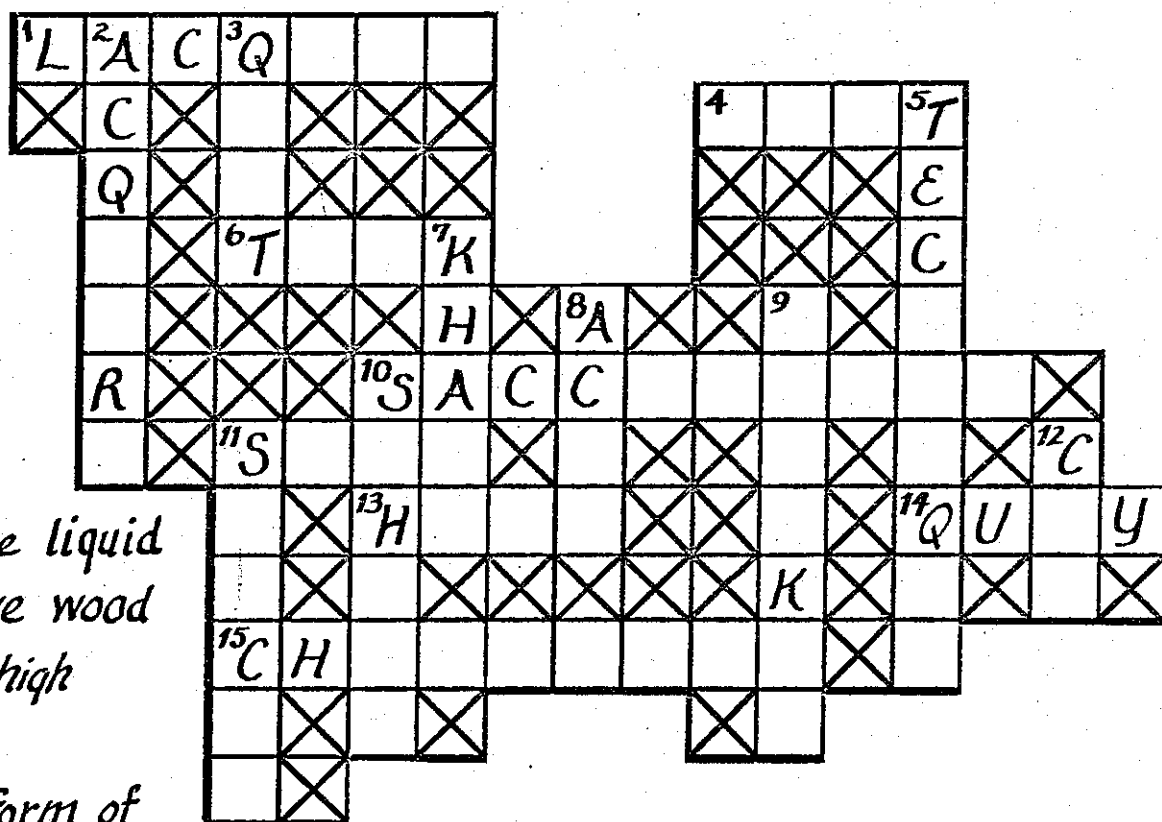
h as in **hat**



k as in **kiss**

31.

qu as in **quickly**



ACROSS

1. A paint-like liquid used to give wood surfaces a high gloss.
4. The past form of the verb keep.
6. Without your tongue you cannot do this.
10. An artificial sweetener used as a sugar substitute.
11. Ill.
13. To thumb a ride = to hitch_____.
14. A wharf or dock.
15. A kind of candy.

DOWN

2. To obtain.
3. To leave a job because you don't like the the boss, for example.

DOWN

5. The method or personal way in which an artist paints.

7. A light olive brown cloth.

8. When your tooth causes pain,
you have a tooth_____.

9. The past form of the verb
trek.

K as in **Kiss**

10. A place where
students
learn.

4A

12D

9D

11. A popular
team sport.

13A

11A

12. A common
house pet.

11D

10D

6A

14A

15A

7D

5D

8D

1A

10A

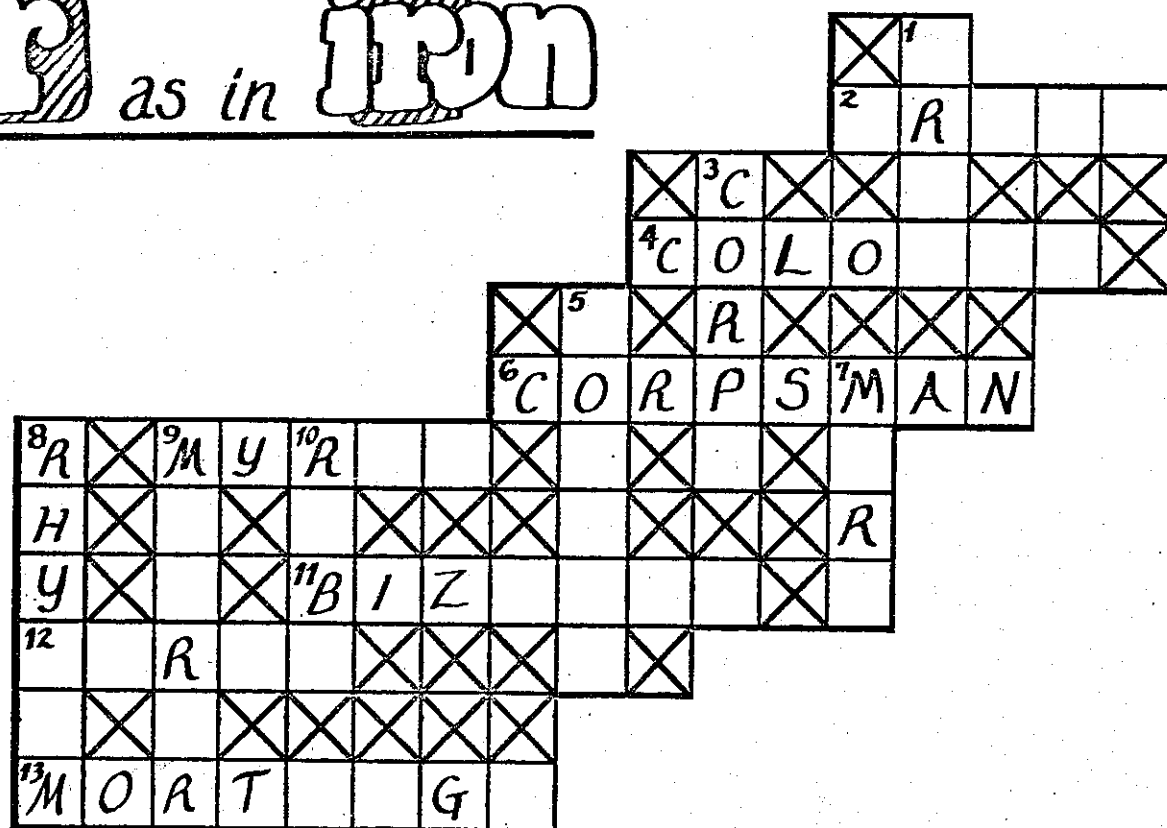
qu as in **quickly**

3D

2D

r as in **ran**

r as in **iron**



ACROSS

2. Not correct.
 4. An army officer.
 6. A navy man trained to give medical treatment.
 9. In The Bible*, when Jesus was born the three wise men brought gold, frankincense and _____.
 11. Strikingly unconventional.

12. Rubber wheels.
 13. A pledge of property to a creditor.

DOWN

1. An appliance used for pressing clothes.
 3. A specialized department of the army.

*The Bible is underlined because it is the name of a book. It is not a form of the answer to this clue.

DOWN

5. You are. (Contraction.)*
7. The opposite of 'less'.
8. The regular beat of a piece of music.
9. A sheet of glass which reflects images.
10. These bones protect your lungs and heart.

*Use a box for the apostrophe.

r as in **ran**

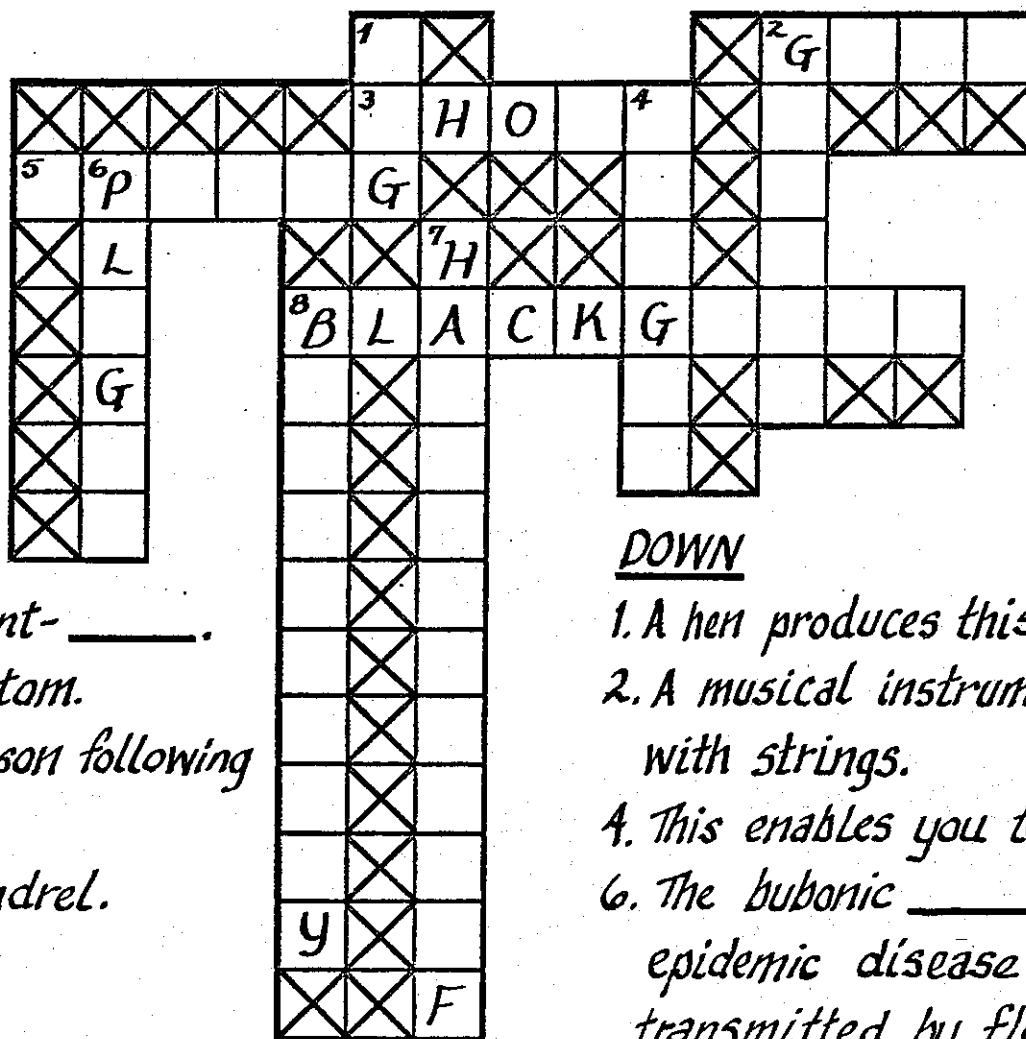
10D	→			
9D	→			
7D	→			
2A	→			
8D	→			
13A	→			
4A	→			
6A	→			
3D	→			
9A	→			
11A	→			
5D	→			

r as in **iron**

1D	→			
12A	→			
5D	→			

g as in **go**

ng as in **sing**



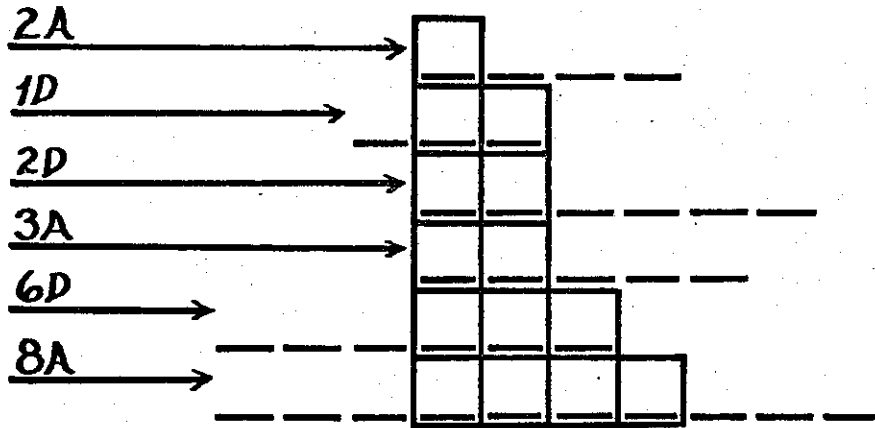
ACROSS

2. Go - went - _____.
3. A phantom.
5. The season following winter.
8. A scoundrel.

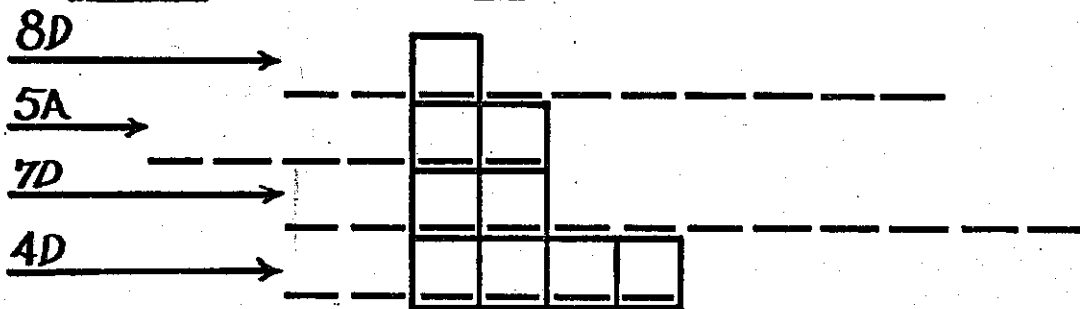
DOWN

1. A hen produces this.
2. A musical instrument with strings.
4. This enables you to speak.
6. The bubonic _____ is an epidemic disease transmitted by fleas.
7. A small square cloth used to wipe your nose.
8. The noun form of the verb bankrupt.

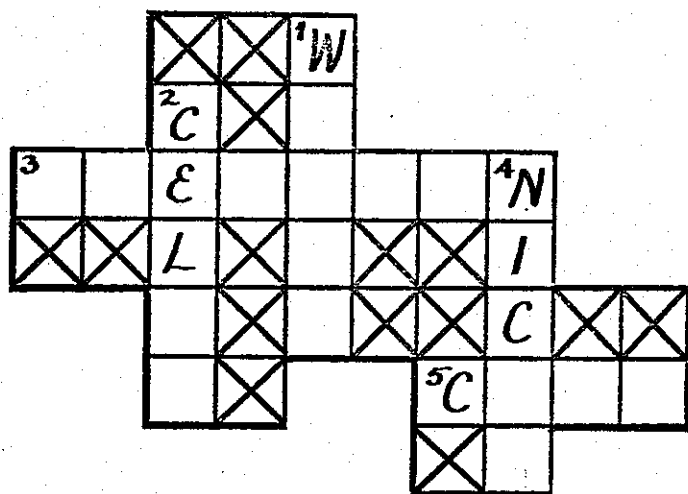
g as in **go**



ng as in **sing**



ch as in **chin**



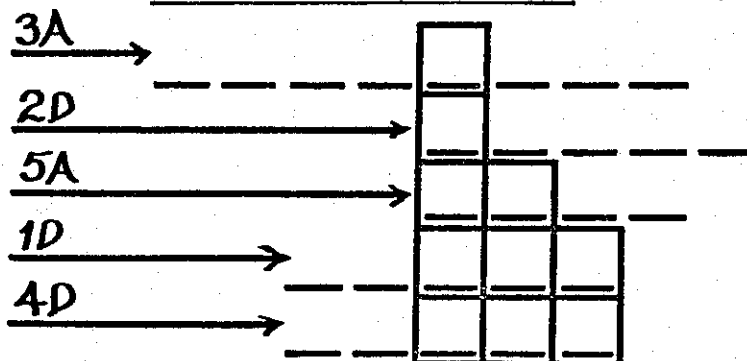
ACROSS

3. '?' is the symbol for a ____.
5. The part of your face below your mouth.

DOWN

1. A small timepiece that you wear around your wrist.
2. A musical instrument with strings.
4. A recess in a wall for a statue.

ch as in **chin**

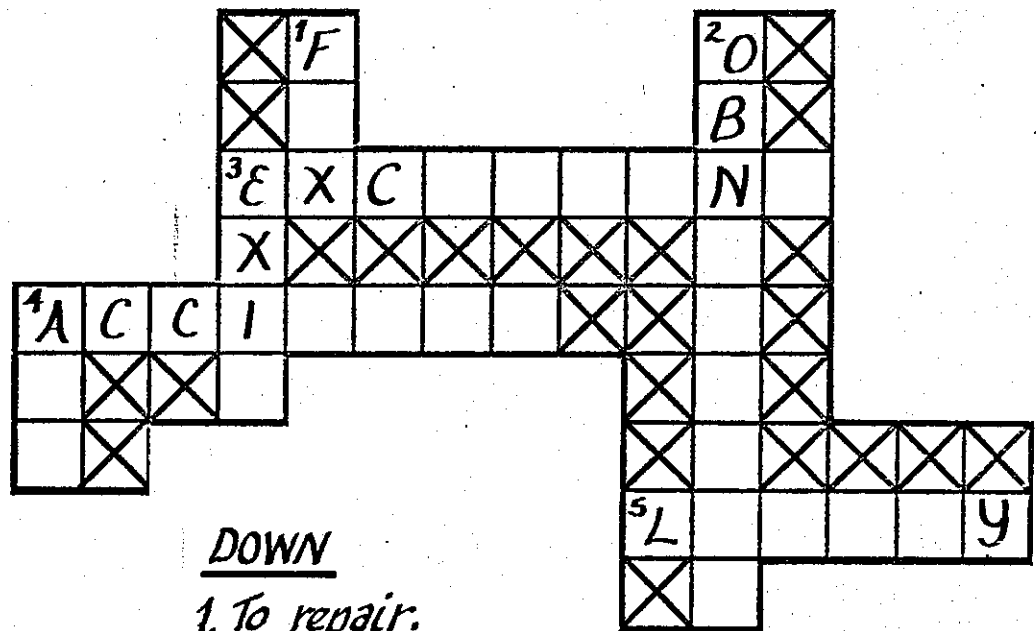


X as in **box**

X as in **exit**

X as in **anxious**

X as in **luxurious**



ACROSS

3. Wonderful
4. A mishap.
5. The noun form of luxurious.

DOWN

1. To repair.
2. Highly disagreeable.
3. The opposite of 'entrance'.
4. A sharp tool for chopping wood.

x as in **box**

1D → _____

4D → _____

4A → _____

3A → _____

x as in **exit**

3D → _____

x as in **anxious**

2D → _____

x as in **luxurious**

5A → _____

INDEX BY PHONEME

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<u>a</u> as in <u>c</u> are (turquoise)	Puzzle 11
<u>a</u> as in <u>l</u> ate (blue/pale pink)	Puzzle 15
<u>b</u> as in <u>b</u> ay (dark green)	Puzzle 18
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<u>l</u> as in <u>l</u> et (royal blue)	Puzzle 29
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<u>m</u> as in <u>m</u> at (tangerine)	Puzzle 33
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1.

a as in at

1A → M A P
1D → M E R I N G U E
3A → L A U G H
2D → P L A I D

ou as in house

4A → O U R
5A → C L O W N
7D → H O U R S
6A → B O U G H

2.

u as in up

8A → G U L L S
10D → S O N
5D → W A S
4D → Y O U N G
6D → B L O O D
1A → D O E S

i as in far

10A → S T A R T
9A → H E A R T
2D → S E R G E A N T
7D → A H
6A → B A Z A A R
3D → B A U X I T E

3.

o as in it

15A → I S
14A → W O M E N
1D → V I L L A G E
17D → B U S Y
18A → E N G L I S H
19A → B E A U T Y
12A → M A R R I A G E
4A → S I E V E
6D → G U I N E A
3D → C A E S A R I A N
9A → C H A S S I S
2D → M O N E Y
11A → S A T U R D A Y
17A → B U I L D
10A → B E E N
7A → P O R T R A I T
8D → F O R F E I T
5D → E X H I B I T I O N
16A → F O R E H E A D
13A → C H A M O I S

4.

e as in pet

5A → M E T
5D → M A N U
9A → B U R Y
7D → D E A D
4D → S A I D
6A → S A U S
8A → F R I E N D
2D → L E O P A R D
3A → H E I F E R
1D → A E S T H E T I C

Book up

5.

3

1 as in pot

8D → R O B
3D → S W A M P
2D → H O N E S T
1A → J O H N
4A → K N O W L E D G E
7A → B U R E A U C R A C Y

U as in cup

6D → C U R I O U S
5D → C U R O P E

6.

2 as in usable

18A → B A N A N A
2D → C A R E F U L
4D → P U P I L
20D → T H E
22A → C O M M A N D
3A → M A R T Y R
15A → Q U E S T I O N
6A → P A R T I A L
13D → C O N S C I E N C E
16A → R E S T A U R A N T
14D → P A G E A N T
7D → H A L L E L U J A H
11D → V E H E M E N T
5A → N U M E R O U S
8D → T O R T O I S E
1D → C U P B O A R D
19D → S U R G E O N
9D → M O U N T A I N S
17A → F O R E I G N
5D → N A S T U R T I U M
1A → C O N S C I O U S
21A → R I G H T E O U S
12A → B U R E A U C R A T
10A → T H O R O U G H L Y

7.

next

U as in fur

6A → F U R
5A → W E R E
2A → W O R K
4D → G I R L
3A → M Y R R H
1D → C O U R T E O U S
7A → L E A R N S

8.

1 as in of

13D → G O N E
11D → H A L T
7A → P A U L
2D → P A W
6A → B O A R D
12A → C O U G H
9D → E X H O R T
8A → R E S E R V O I R
5D → D O O R
1D → E X T R A O R D I N A R Y
15A → T O W A R D
3A → E X H A U S T
14A → A W E
4D → T H O U G H T
10A → D A U G H T E R

9.

1

① as in do

2A → D O
10A → R U D E
5D → M O O N
12A → S H O E
6D → T H R O U G H
1D → S O U P
11A → T R U E
8D → F R U I T
7D → N E W
9A → T W O
4A → P N E U M A T I C
3D → L I E U T E N A N T

11.

⑥ as in cap

8D → C A R E
1D → T H E R E
6A → A I R
5A → W E A R
2D → T H E I R
6D → A E R I A L
3A → T H E Y ' R E
4D → H E I R
7A → P R A Y E R
9A → M A Y O R

10.

② as in WP

10A → H E
3A → S K I L I N G
12A → C A S I L Y
1D → S E E S
8D → P E A
7D → R E C E I V E
2A → F I E L D
8A → P E O P L E
6D → A M O E B A
5A → Q U A U
4D → K E Y
11A → C A E S A R
9D → D E B R I S

12.

①① as in look

8A → P U T
5A → W O M A N
2A → B O O K
7D → W O U L D

① as in oil

2D → B O I L S
1D → B O Y
6A → L A W Y E R

① as in resistor

3D → S O I R E E

① as in one

1D → O N C E

13.

① as in ①p

10A → N O R M A L
 5A → W A R
 9D → D I N O S A U R
 2D → B O A R D ✓
 8A → D O O R ✓
 7D → F O U R for core
 3A → E X H O R T
 1D → E X T R A O R D I N A R Y
 6D → R E S E R V O I R
 4D → T O W A R D

14.

① as in like

3A → I
 6A → L I K E
 9D → S K Y
 8D → L I E
 2D → R Y E
 7A → I S L E
 9A → S T E I N
 5A → H I G H
 4A → E Y E S
 1D → A I S L E
 10A → A Y E
 5D → H E I G H T

15.

② as in late

5D → L A T E
 1D → S U E D E
 10D → T R A I N
 11A → T R A Y
 6A → T H E Y
 8D → V E I N
 7A → S T E A K
 3A → B A L L E T
 4A → G A E L I C
 4D → G A U G E
 2D → F I A N C E
 9A → E I G H T
 7D → S T R A I G H T

16.

① as in ①p

9A → A G O
 4A → T O E
 4D → T H R O W
 3D → B O A T
 10A → O H
 11A → S E W
 11D → S O U L
 3A → B R O O C H
 7D → M A U V E
 5D → D E P O T
 2D → Y E O M A N
 6A → O W E
 8A → P L A T E A U
 1D → T H O U G H T

17.

U as in Use

8D → U S U A L
 4A → T R U E
 6A → F E W
 6D → F E U D A L I S M
 3A → E X H U M E
 9D → Y O U
 1D → B E A U T Y
 7A → Q U E U E
 10A → A D I E U
 5D → E W E
 9A → Y E W
 2D → V I E W

19.

U as in Up

1D → T W I C E
 9D → P L A C E D
 2D → L I T T L E
 4D → L A T E
 6D → R U S H E D
 7D → C A N ' T
 6A → R E C E I P T
 5A → D E B T
 3A → I N D I C T
 10A → T H Y M E
 12A → C I G A R E T T E
 11D → Y A C H T
 8D → P H T H I S I C

18.

b as in Bay

4D → B A R
 3A → R U B B E R
 2D → C U B E
 8A → B U Y
 5A → R A S P B E R R Y

p as in Pot

9A → S H I P
 1D → H A P P Y
 3D → R O P E
 7D → S H E P H E R D
 6D → S U B P O E N A

20.

s as in Is

9D → H A S
 5D → Z O O
 11D → A N X I E T Y
 6A → S C I S S O R S
 8D → R O S E
 2A → S Q U E E Z E
 4A → D I Z Z Y
 3D → E D ' S
 12A → B O Y S
 1D → B U S I N E S S
 11A → A S T H M A
 7D → C L O T H E S

s as in James

10D → J A M E S ' S

21.

S as in US

12D → M U S T
 2A → R E C E I V E
 6A → W A L T Z
 8A → B O S S
 3D → P R O M I S E
 9A → L E T ' S
 13A → M I C E
 4D → A N S W E R
 1D → L I S T E N
 10D → S C I E N C E
 3A → P S A L M
 7D → A C Q U I E S C E
 5D → F I N E S S E
 14A → S C H I S M
 11A → I S T H M U S

22.

Sh as in Sh

4D → S U G A R
 8A → A P P R E C I A T E
 9D → E D U C A T I O N
 1D → F I S H
 2A → C H A U F F E U R
 6D → M I S S I O N A R Y
 3A → C O N S C I O U S
 11A → S C H I L L I N G
 2D → C A C H E

G as in garage

5D → T R E A S U R E
 10A → A Z U R E
 12A → E Q U A T I O N
 7D → G A R A G E

23.

m as in mat

6D → M I L K
 5A → S W I M M I N G
 3A → T I M E
 2A → C O M B
 7A → P A L M
 4D → D I A P H R A G M
 1D → H Y M N
 8A → I M

m as in rhythm

2D → C R I T I C I S M

24.

N as in **in**

3D → NOW
 4D → WINNER
 7A → LINE
 5A → KNEW
 12A → SIGNS
 11A → PNEUMONIA
 10A → MNEMONIC
 8A → EXTRAORDINARY
 2A → IRON
 1D → GRANDFATHER
 7D → LINCOLN
 9D → CHAMPAGNE
 6D → WEDNESDAY

23.

N as in **wouldn't**

4A → WON'T

25.

F as in **if**

4D → IF
 9D → OFF
 11A → LIFE
 3D → PHOTOGRAPH
 7A → HALF
 1D → ROUGH
 6A → OFETEN
 10A → GIRAFFE
 2A → SAPPHIRE

V as in **seven**

6D → OF
 5D → EVEN
 10D → GIVE
 8D → STEPHEN
 12D → I'VE
 13A → HALVES

d as in **dust**

6A → DARK
 4D → WATER
 3A → SUDDENLY
 2D → GLIDE
 3D → STABBED
 4A → WOULD
 1D → HE'ID
 5A → BETTER

27.

th as in **the**

4D → THAT
 5A → BREATHE

th as in **thin**

2D → FOURTH
 7A → ABSINTHE
 6D → EIGHTH
 3A → SOUTHAMPTON
 1D → PHTHALEIN

28.

U as in **ups**

3A → Y E S
 2A → O N I O N
 7A → H A L L E L U J A H
 6A → V A C U U M

J as in **jack**

11A → J A Z Z
 12A → G E O M E T R Y
 1D → S O L D I E R
 10D → C A G E S
 4D → E X A G G E R A T E
 8D → J U D G M E N T
 9A → A D J E C T I V E
 5D → J U D G E

30.

W as in **wet**

4D → W E E K
 6A → S U I T E
 3D → C H O I R
 2D → W H E N

wh as in **where**

2D → W H E N

h as in **hat**

5A → H O U S E
 1D → J O S E
 4A → W H O

31.

29.

O as in **ot**

3D → A L O N E
 4A → P I L L O W
 2A → M A L E
 7D → H E ' L L
 5A → G A Z E L L E

O as in **wid**

6A → C H I L D
 4D → P U Z Z L E
 1D → I ' L L

K as in **kiss**

4A → K E P T
 12D → C A T
 9D → T R E K K E D
 13A → H I K E
 11A → S I C K
 11D → S O C C E R
 10D → S C H O O L
 6A → T A L K
 14A → Q U A Y
 15A → C H O C O L A T E
 7D → K H A K I
 5D → T E C H N I Q U E
 8D → A C H E
 1A → L A C Q U E R
 10A → S A C C H A R I N E

qu as in **quicky**

3D → Q U I T
 2D → A C Q U I R E

32.

R as in **ran**

10D → R I B S
 9D → M I R R O R
 7D → M O R E
 2A → W R O N G
 8D → R H Y T H M
 13A → M O R T G A G E
 4A → C O L O N E L
 6A → C O R P S M A N
 3D → C O R P S
 9A → M Y R R H
 11A → B I Z A R R E
 5D → Y O U I R E

P as in **pen**

1D → I R O N
 12A → T I R E S
 5D → Y O U I R E

33.

G as in **go**

2A → G O N E
 1D → E G G
 2D → G U I T A R
 3A → G H O S T
 6D → P L A G U E
 8A → B L A C K G U A R D

N as in **ing**

8D → B A N K R U P T C Y
 5A → S P R I N G
 7D → H A N D K E R C H I E F
 4D → T O N G U E

34.

Q as in **queen**

3A → Q U E S T I O N
 2D → C E L L O
 5A → C H I N
 1D → W A T C H
 4D → N I C H E

35.

X as in **box**

1D → F I X
 4D → A X E
 4A → A C C I D E N T
 3A → E X C E L L E N T

X as in **exit**

3D → E X I T

X as in **anxious**

2D → O B N O X I O U S

X as in **luxurious**

5A → L U X U R Y