

2-XL™

**BOOKLET TO ACCOMPANY
"TALKING CALCULATOR"**

Manufactured by Mego Corp. New York, N.Y. 10010 in the U.S.A.

NUMBER CODES

A	B	C	D	E	F	G	H	I	J	K	L	M
1	2	3	4	5	6	7	8	9	10	11	12	13
N	O	P	Q	R	S	T	U	V	W	X	Y	Z
14	15	16	17	18	19	20	21	22	23	24	25	26

Letters and numbers can be used to make codes. Can you decipher these messages using the code above?

1. 18 15 19 5 19 1 18 5 18 5 4
22 9 15 12 5 20 19 1 18 5
2 12 21 5.

2. 18 5 13 5 13 2 5 18 20 8 5
1 12 1 13 15.

3. 9 1 13 1 18 15 2 15 20
20 8 1 20 3 1 14 20 1 12 11.

4. 2 1 20 13 1 14 19 16 1 18 20-
14 5 18 19 8 15 21 12 4
2 5 3 1 12 12 5 4
2 1 12 12 13 1 14.

Now you can make up your own messages. Only a friend who knows the code can decode your number message.

Answers on page 10.

1.

HIDDEN MATH WORDS

Here are 10 words you will find in the area of mathematics. Can you find these words in the letters below? Be careful, the words can go up or down, backwards, and even diagonally. The first one is done.

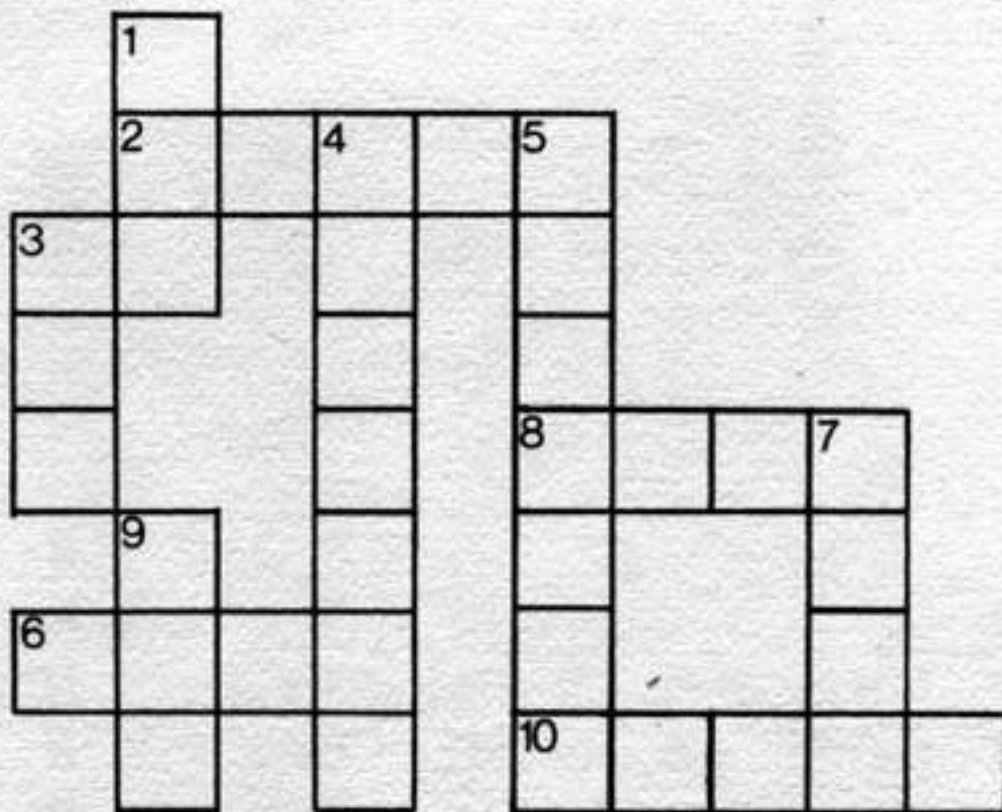
- | | |
|--------------|-------------|
| ✓1. Divide | 6. fraction |
| 2. Sum | 7. number |
| 3. Digit | 8. even |
| 4. Subtract | 9. times |
| 5. Remainder | 10. decimal |

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

Answers on page 8

NUMBER CROSSWORD

Fill out the puzzle using the clues below.



ACROSS

2. TV Show "____ Is Enough"
3. Opposite of off.
6. Times itself equals 25.
8. When you need money you may try to get a_____.
10. 1487 times this number is 10409.

DOWN

1. Our decimal system is based on the number_____.
3. The first number that has meaning.
4. Numbers can be lesser or____than other numbers.
5. Three dozen eggs consists of three sets of_____.
7. One of the magic numbers.
9. Times itself is 36. Added to itself is 12.

Answers on page 8

HISTORY OF NUMBERS

Did you ever wonder why our number system has ten basic numbers? The reason is because when people first started to count they used their fingers to do everything. They added and subtracted by holding up fingers.

This method worked for a while but as people needed to figure out more complicated problems they needed to write them down. The Egyptians were the first to write numbers and they did it in the form of pictures (called hieroglyphics). These picture numbers had little value and it was very hard to do arithmetic.

Next, the Greeks tried to invent numbers that could be used for arithmetic. This was a complicated system using combinations of letters and numbers, but arithmetic was difficult to perform.

The Romans were next to invent the system of Roman Numerals. These are still used today, but as with the previous systems, did not work too well when someone tried to do arithmetic.

Numbers used today were originally from Indian origin. It was not until this system, called the decimal system was adopted, that any progress was made. The system called the decimal system is the best in the world and makes arithmetic and other mathematical calculations possible. This is the system you use today.

PEOPLE MATH

Take the number of arms you have, and times by the number of feet, then add the number of toes, subtract the number of heads you have, times by the number of eyes you have, add the number of ears, and finally subtract the number of knees.

Circle your answer

A. 18

B. 24

C. 26

HARD PEOPLE MATH

You may have to look up some of the answers to this problem.

Take the number of teeth you should have, subtract the number of lungs you have, add the number of tonsils, times by the number of livers, and add the number of knuckles you have.

Circle your answer

A. 42

B. 46

C. 48

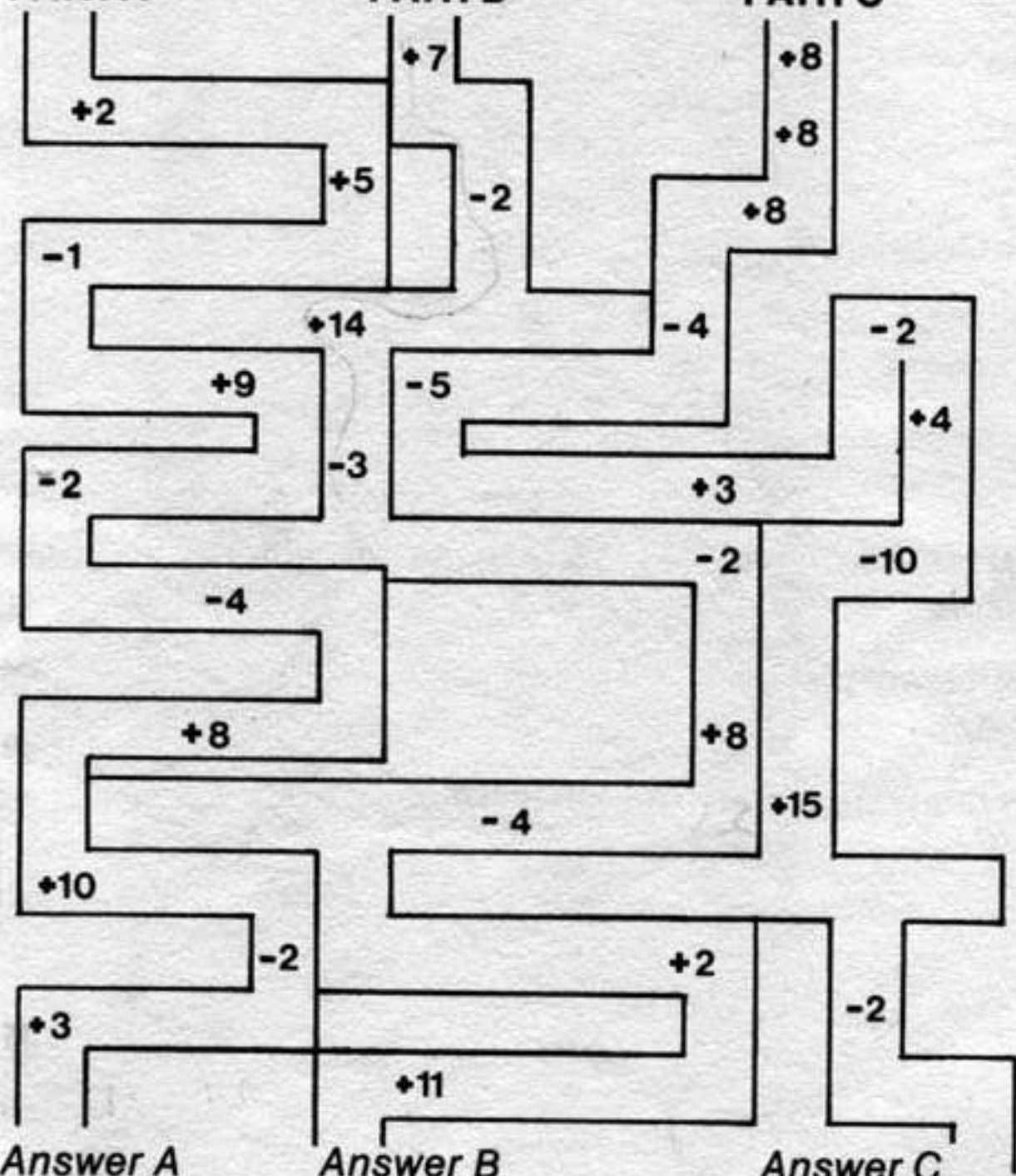
MATHMAZE

There are 3 paths through this maze. Go through all 3 and follow the math signs carefully. Put the answer at the bottom of each path.

PATH A

PATH B

PATH C



KEEPING SCORE

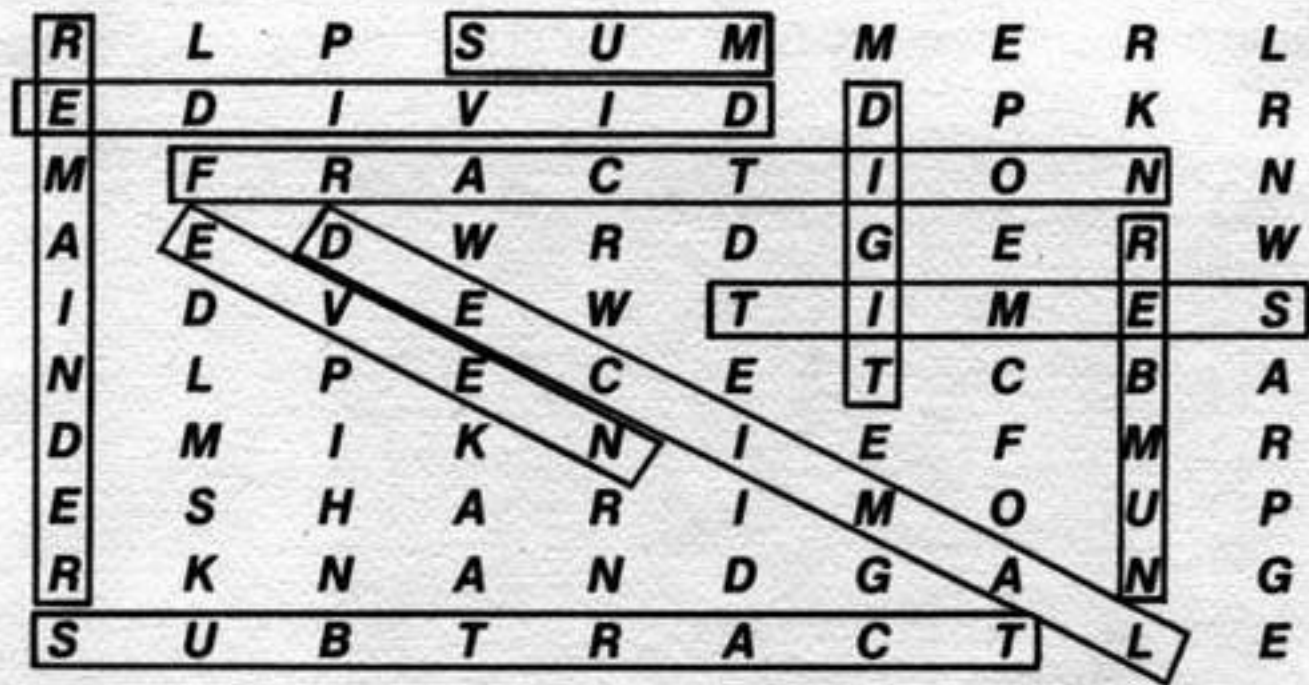
Here are some make believe football standings for the season.

TEAMS	WON	LOST
Jets	2	7
Packers	4	5
Colts	7	2
Rams	6	3

Now circle the answers to these questions.

1. What team won the most games?
A. Packers B. Jets C. Colts
2. How many games did the Rams lose?
A. 2 B. 3 C. 4
3. What team won twice as many games as it lost?
A. Rams B. Packers C. Jets
4. Which team lost the least games?
A. Rams B. Colts C. Jets
5. How many games of football were played in total?
A. 19 B. 17 C. 36

Answers to *HIDDEN MATH WORDS* from page 2.



Answers to *NUMBER CROSSWORD* from page 3.

ACROSS

- 2. *Eight*
- 3. *on*
- 6. *five*
- 8. *loan*
- 10. *seven*

DOWN

- 1. *ten*
- 3. *one*
- 4. *greater*
- 5. *twelves*
- 7. *nine*
- 9. *six*

MAGIC NUMBERS

Some numbers seem to have magical properties.

1. Take the number 11. Any one digit number times 11 will always equal that one digit number next to itself. For example:

$$1 \times 11 = 11$$

$$2 \times 11 = 22$$

$$3 \times 11 = 33$$

$$4 \times 11 = 44$$

$$5 \times 11 = 55$$

and so on

2. Take the number 9. Any one digit number times nine will always equal a number where the two digits of the answer added together will be nine. For example:

$$9 \times 2 = 18 \quad (\text{Notice } 1 + 8 = 9)$$

$$9 \times 3 = 27 \quad (\text{Notice } 2 + 7 = 9)$$

$$9 \times 4 = 36 \quad (\text{Notice } 3 + 6 = 9)$$

$$9 \times 5 = 45 \quad (\text{Notice } 4 + 5 = 9)$$

and so on

Answers to NUMBER CODES from page 1

1. Roses are red violets are blue.
2. Remember the Alamo.
3. I am a robot that can talk.
4. Batmans partner should be called ballman.

WORK SPACE

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