CAUTION-ELECTRIC TOY
NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE. AS WITH ALL ELECTRIC PRODUCTS PRECAUTIONS SHOULD BE OBSERVED DURING HANDLING AND USE TO PREVENT ELECTRIC SHOCK.

2-XL

2-XL BOOKLET TO ACCOMPANY

GAME AND PUZZLE PROGRAM NUMBER 1

U.S. Pat. No. 4,078,316 Other U.S. and Foreign Pat. Pend.
FIND THE DIFFERENCE BETWEEN THESE TWO PICTURES

PICTURE 1.

PICTURE 2.
CHECK YES IF THE SENTENCE HAS A NAME OF A STATE HIDDEN WITHIN IT.

1. Yes ☑ No ☐
   Use different crayons to color a donut Colorado

2. Yes ☐ No ☐
   Was the model aware that she would not be paid for her work?

3. Yes ☐ No ☐
   Bring the dog to the picnic.

4. Yes ☐ No ☐
   Car washing tonight will save time in the morning.

5. Yes ☐ No ☐
   Using a frisbee at the beach, can be a lot of fun.

6. Yes ☐ No ☐
   Use the main entrance to get into the house.
WORD PUZZLE

Can you find the ten names of fairy tale characters listed below? Remember the names can go left or right, up or down, or even diagonally. The first two are done for you so you can see how this works.

✓ 1. Cinderella  
✓ 2. Gretel  
3. Tinkerbell  
4. Thumbelina  
5. Rumpelstiltskin  
6. Sneezy  
7. Alice  
8. Peter Pan  
9. Rapunzel  
10. Wendy

TONIKSTLITSLEPMUR
OCLEBSTLPINAPCINA
PLIJUDYTTEGRILAN
YRSNRSTKLKEYIALMB
DRETOOOWEREZIPOEAR
NLOPLETERGRYRLEBNO
ERTSWERMETERERCILA
WILOVEREUTINKERBO
YIOEMANILEBMMHTTS
ALEZNUPARLLONBGIN
PETERPANTSAFREEJO
ZLEMXZTINKERBELLHI
MIND READING TRICK

Ask a friend to choose any number from 1 to 50. Now tell him to write it down and put a circle around it.
Now tell him to add 4
  then add 7
  then take away 2
  then add 3
Now tell him to take away his original number (the one with the circle around it).
now tell him to add 4
times by 2
take away 3

HIS ANSWER WILL ALWAYS BE 29

How this is done. Since you tell your friend to take away his original number the answer will always be 29. Try it with any original number, the answer will always be 29.
Can you connect all nine dots with 4 straight lines without lifting your pencil off the paper?

If you can’t, the robot will give you a hint and tell you where you can find the correct answer.
Which Robot can get to the oil? If you can’t figure it out, the robot can help you.
THIS IS THE ANSWER TO THE QUESTION ON PAGE 5
CROSSWORD PUZZLE

ACROSS
1. Opposite of light is _________.
3. Middle of a hurricane.
4. Opposite of lost.
7. Abbreviation of northwest.
8. A person who loses a lot of weight is now _________.
10. Fish that can shock you.
12. Another word for beneath.
13. Man with no hair.
15. Opposite of gravity is which direction.
17. Difficult prefix meaning "in".
19. Charlie's angel Cheryl _________.
21. Abbreviation for northeast.

DOWN
1. A tackled football player goes _____.
2. To move quickly.
3. Sixteen divided by two.
5. To borrow.
6. What an elevated train is called.
11. Sound at high volume.
14. The inner circular rubber piece often found in a bicycle tire.
16. A flat dish used for frying food.
18. Opposite of the beginning.
MAGIC SQUARES

MAGIC SQUARE NUMBER 1

4 9 2

3 5 7

8 1 6

Notice how the columns, rows, and diagonals all add up to 15

Can you make these magic squares add up to fifteen also? If you can't the robot will tell you where to find the answer.

6

4 2

7 5

2
THERE ARE NO WINDOWS OR DOORS

HOW DOES THE MAN GET OUT OF THIS ROOM? THE ROBOT WILL TELL YOU.
A DIFFICULT PROBLEM OF WEIGHT

Pretend that you have a balancing scale, 8 marbles (that look exactly the same) but you are told that one marble is heavier than the rest.

Using the balancing scale, with only two chances at the scale, can you find the heavier marble.

Try to work this problem out by yourself. The answer is on page 13 in case you cannot do it.
PROGRESSIVE WORDS

By changing one letter at a time, can you change the top word in the boxes into the bottom word? Each row must be a new word that you know. For example, here is how MAKE can be changed into DATE.

\[
\begin{array}{ccc}
MAKE & \ & \ \\
RAKE & \ & \ \\
RATE & \ & \ \\
DATE & \ & \ \\
\end{array}
\]

Now try these on your own. If you have trouble, the answers are on page 14.

#1. DIME

#2. MALT

#3. JOKE
**ANSWER** to problem from page 11

Place 3 marbles on one side and 3 on the other side of the balancing scale. If one side goes down, you now know it is one of these 3 marbles and you still have one chance left at the balancing scale.

From these 3 marbles, take any 2 and balance them. The heavier one should be obvious. If they should balance, then the one you left off must be the heavier marble.

It is possible that when you placed the original 6 marbles on the scale (3 on one side and 3 on the other) that they would balance. If they do, use your remaining one chance at the scale to balance the 2 marbles that you left off. The heavier marble should be obvious.

**ANSWER** to MAGIC SQUARES from page 9

```
 8 1 6
 3 5 7
 4 9 2
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 6 1 8
 7 5 3
 2 9 4
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**ANSWERS** to WORD PUZZLE from page 3

TONIKSTLITSTLEPMUR
OCLEBSTLPINAPCIN
PLIJDUTTNEGILAPN
YRNSRSTKLEKEYIALMB
DRETDOWEEZIPAOEARI
NLOPLETERGYRLEBNO
ERTSWMETETERSCILAO
WLOVREUTINKERBO
YIOEMANILEBMUHTTS
ALEZNUPARLONBGIN
PETERTPSTAFREEJO
LEMXTZTINKERBELLHI

**ANSWERS** to PROGRESSIVE WORDS from pg12

ans to #1  ans to #2  ans to #3
DIME       MALT    JOKE
TIME       SALT    POKE
TAME       SALE    POLE
SAME       SAME    SOLE
SALE       Note: Other answers are possible.

**ANSWERS** to Crossword Puzzle from pg 8

**ACROSS**
1. dark  12. under  
3. eye   13. bald  
4. won  15. up  
7. nw   17. en  
8. thin 19. Ladd  
10. eel 21. ne  

**DOWN**
1. down 11. loud
2. run  14. tube
3. eight 16. pan
5. owe  18. end
6. el    20. red
9. no
ADDITIONAL INTERACTIVE PROGRAMS FOR 2-XL

- Program on GUINNESS BOOK OF RECORDS
- Program about SPORTS
- EDUCATIONAL PROGRAMS
- Program on SCIENCE FICTION
- Program on METRIC SYSTEM

and many more