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## A NOTE TO PARENTS AND TEACHERS

This "Fun ' $n$ ' Numbers" book was designed to $g 0$ with the Mickey Mouse Space Quiz . The Space Quiz is a calculator that checks children's answers to simple math problems. It is an excellent aid to memory-a space-age way to get "back to basics" in math.

The child simply punches in a problem and its answer. If the answer is right, a green light flashes. If the answer is wrong, a red light goes off. The answer is not displayed. The child must do the work of thinking-the computer checks whether the child is correct.

You can use the "Fun ' $n$ ' Numbers" book and the Space Quiz for teaching simple math and for remedial work in math. The math skills taught in the book include adding and subtracting the numbers 1 to 9 and multiplying and dividing the numbers 1 to 5 . These are the math skills commonly taught in grades 1,2 and 3.

The words in the book are at low second grade level. An adult should read and work along with younger children (ages 4 to 7 ). Older children (ages 8 and up) will probably be able to use the book without adult help.

How To Operate Mickey's Space Quiz
Turn the machine ON .
Push the CLEAR button (Label ' $C$ ')
Punch in your problem and its answer.
Push the question mark. A green light will
flash if you were right. A red light will
flash if you were wrong.
If you were wrong, push the CLEAR button (Label ' $C$ ') and start again.

- This machine uses one 9 -volt battery. To insert the battery, slide open the door in the back of the machine.
- inot included)

HERE＇S HOW TO CHECK WITH MICKEY．


Punch these buttons on the Space Quiz． $\square$
1日ロ日回 (3if)


Are Goofy＇s answers right or wrong？Circle the light that flashes．

> पナ
$2+2=4$（right）（romen）



Use addition when you want to find the sum of two or more numbers. The word sum means total.


Punch these buttons on the Space Quiz.
$2+7=9$
Is Dewey right or wrong?

Help. Uncle Scrooge ADD his money. Check
 your answers with Mickey's Space Quzz.


Mickey can use his flying saucer to draw. Can you help him?

Read the problem in each square. Color in all the squares that have right answers. Two are done for you. Check your answers with Mickey's space Quiz.

| $\begin{gathered} 1+1= \\ 3 \end{gathered}$ | $\begin{gathered} 2+1= \\ 5 \end{gathered}$ | $\begin{gathered} 1+6= \\ 16= \end{gathered}$ | $\begin{gathered} 2+7= \\ 8 \end{gathered}$ | $\begin{gathered} 2+6= \\ 8 \end{gathered}$ | $\begin{gathered} 2+7= \\ 9 \end{gathered}$ | $\begin{gathered} 1+5= \\ 7 \end{gathered}$ | $\begin{gathered} 1+8= \\ 18 \end{gathered}$ | $\begin{gathered} 7+2= \\ 6 \end{gathered}$ | $\begin{gathered} 6+1= \\ 5 \end{gathered}$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 1+8= \\ 7 \end{gathered}$ | $\begin{gathered} 2+3= \\ 6 \end{gathered}$ | $\begin{gathered} 1+1= \\ 2 \end{gathered}$ | $\begin{gathered} 2+5= \\ 7 \end{gathered}$ | $\begin{gathered} 3+1= \\ 31 \end{gathered}$ | $\begin{gathered} 1+3= \\ 13 \end{gathered}$ | $\begin{gathered} 9+2= \\ 11 \end{gathered}$ | $\begin{gathered} 9+1= \\ 10 \end{gathered}$ | $\begin{gathered} 2+5= \\ 6 \end{gathered}$ | $\begin{gathered} 5+1= \\ 15 \end{gathered}$ |
| $\begin{gathered} 2+2= \\ 4 \end{gathered}$ | $\begin{gathered} 2+3= \\ 5 \end{gathered}$ | $\begin{gathered} 1+5= \\ 6 \end{gathered}$ | $\begin{gathered} 8+1= \\ 9 \end{gathered}$ | $\begin{gathered} 8+2= \\ 10 \end{gathered}$ | $\begin{gathered} 1+2= \\ 3 \end{gathered}$ | $\begin{gathered} 4+1= \\ 5 \end{gathered}$ | $\begin{gathered} 4+2= \\ 6 \end{gathered}$ | $\begin{gathered} 6+1= \\ 7 \end{gathered}$ | $\begin{gathered} 1+7= \\ 8 \end{gathered}$ |
| $\begin{gathered} 1+7= \\ 9 \end{gathered}$ | $\begin{gathered} 1+3= \\ 4 \end{gathered}$ | $\begin{gathered} 6+2= \\ 4 \end{gathered}$ | $\begin{gathered} 7+2= \\ 5 \end{gathered}$ | $\begin{gathered} 9+2= \\ 7 \end{gathered}$ | $\begin{gathered} 9+1= \\ 8 \end{gathered}$ | $\begin{gathered} 5+1= \\ 8 \end{gathered}$ | $\begin{gathered} 1+2= \\ 4 \end{gathered}=$ | $\begin{gathered} 2+8= \\ 10 \end{gathered}$ | $\begin{gathered} 1+4 \\ 14 \end{gathered}$ |

Did you make a picture. What is it?

| Can you help Mickey <br> draw the bird? |
| :--- |




Color in the squares that have right answers.

## HERE'S HOW TO PLAY ADD-A-STAR.

(1) Use a button for a marker.
(2) Flip a coin to move. Move 2 stars for heads and 1 for tails.
(3) Guess the answer. Then move to the star that has that number.
(4) Check your answer with Mickey. If you were RIGHT, take another turn.

If you were WRONG, make a mark $(v)$ in the score space. Then choose another answer and try again.



Add these numbers to your answers on page 9. Fold this part away from you.

$$
+2=
$$



4


Fold page II so that its
edge touches this line.
Work the new problems. Write your answers here


Chech your answe with Mickey Spack Quiz.



The rocket used 4 tons of fuel to get to Multiplus Minus. It will use 3 tons to get back. How many tons of fuel will it use in all?



Huey has dug up 2 pounds of spaci rocks. Loulie has dug up 3. Dewey has dug up 4. How many pounds of space rocks have the three ducks dug?

$$
2+3+4=
$$



Work these SUBTRACTION problems.



I Fold this page toward you.
Use the code to find the answer.



Write a letter

- for each number. Follow the code on page 19.



HOW ABOUT THIS RIDDLE? WHAT DO YOU CALL A SPOT FROM WHICH EVERYTHING HAS BEEN SUBTRACTED?

Work each problem. Write your answer below the problem. Check your answer with Mickey. Then use the code to answer Ludwig von Drake's second riddle.


Write letters here 7


RIDDLE CODE


## DONALD DUCKS OUT




Write any three numbers in these sqares.


Fold the end of the
page to this line.
Fold the end of the
page to this line.

Subtract these numbers from your answer on page 9 . Fold this part of the page away from you.


## -2

$$
\square 30
$$

22

## WEIGHTLESSNESS 15 WONDERFUL!



$$
2=
$$

$$
3=
$$ answers. Cir the red or green light



## BLASTING OFF FROM EARTH IS HARD BECAUSE GRAVITY IS AGAINST ME. IT TAKES ME 5 HOURS TO GET UP HERE.

How many hours shorter is Mickey's return trip?

$$
5 \square 2 \square=
$$

Write Check your with new the answers Space here.
 Quiz.


STAR TRACKS
(1) Look at the first problem. Then follow the tracks to the correct answer. Use a pencil to draw.
(2) Check your answer with Mickey's Space Quiz. If you were right, go on to the next problem. If you were wrong, make a mark (i) in the score space. Then try again.









What does Pluto see in the stars?




Connect the stars in order. count by 5 s .

$$
\begin{aligned}
& \overbrace{55}^{550} \text { \{ } \\
& 60
\end{aligned}
$$








* Was this your answer on p.35?

Punch this problem into Mickey's Space Quiz.

$$
6 \square \square \square \square \begin{aligned}
& \text { write your } \\
& \text { answer. Check } \\
& \text { it with } \\
& \text { Mickey. }
\end{aligned}
$$

DIVISION is the reverse of MULTIPLICATION.

In this problem, you divided the number 6 into 3 equal numbers.


Draw the ring around Saturn. Connect all the dots that
(9)
(II) have numbers you can divide into 2 whole numbers.


## (4)

## (3)

## $(20)$ <br> (18) <br> (1) (14) <br> (21) <br> (25) <br> Compare this page with your answers on pages 27 and 28 !




Mickey can use his flying saucer to draw Pluto. Can you help him?
Color all the squares in which the problems have correct answers.

Check each problem with the Space Qurz!

|  | $=\begin{gathered} 20: 5 \\ 4 \end{gathered}$ | $\begin{aligned} & 10: 5 \\ & 2 \end{aligned}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\begin{gathered} 18: 3= \\ 6= \end{gathered}$ | $\begin{gathered} 15 \div 5=5 \\ 3 \end{gathered}$ | $\begin{gathered} 4 \div 2 \\ 2 \end{gathered}$ |  |  |  |  |  |
|  |  | $\begin{gathered} 16=4 \\ 4 \end{gathered}$ | $\begin{gathered} 2 \div 1= \\ 2 \end{gathered}$ |  |  |  |  |
|  | $\begin{gathered} 12: 4= \\ 3 \end{gathered}$ | $2$ |  |  |  |  |  |
|  |  | $\begin{aligned} & -\overline{-L}= \\ & 3 \end{aligned}$ | $5$ | $4$ |  |  |  |
| $\begin{gathered} 10=2=2 \\ 5 \end{gathered}$ | $8 \div 2=$ | $6 \div 2=$ | $\begin{gathered} 6 \div 2= \\ 12 \end{gathered}$ | $21: 3=$ |  |  | 8들 |




What did Donald send Daisy: Color all the squares that have correct answers. Check the problems with the Space Quiz. 42



Scrooge has 15 million dollars. If he split the money 5 ways, how much would each person get?



Pluto use to weigh 24 pounds. How much does he weigh now?
*To find a half, divide by 2 .


Work the problem.
Check with Mickey.


## MNNE MOUSE $\mathbb{N}$ LOST IN THE SPACE LAB

Can you help Minnie find her way out? Follow the trail of correct problems.



| ADDITION |  | SUBTRACTION |  | MULTIPLICATION |  | DIVISION |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | $1-1=0$ | (1) $\underbrace{1=1} \mathbf{2 = 0}$ | $\begin{aligned} & \text { THIS } \\ & \text { PAGE HA } \\ & \text { ALL TH } \\ & \text { ANSWER } \end{aligned}$ |  | $\int^{-1=1}$ | 9) $\begin{gathered}1=2 \\ \div \\ \div 8\end{gathered}$ |  | $4 \begin{aligned} & -1=4 \\ & \vdots \\ & \div 2-2 \\ & \div 4=1\end{aligned}$ |
|  | ( | \% $\begin{aligned} & \text { 1202 } \\ & =2=1 \\ & -3 * 0\end{aligned}$ | $\left\{\begin{array}{l}-\begin{array}{l}1=3 \\ 2 * 2 \\ 3=1 \\ -4 * 0\end{array}\end{array}\right.$ |  |  | $\begin{aligned} & \dot{7} 1 * 5 \\ & \vdots=5=1 \end{aligned}$ | $\left(\begin{array}{l}1=6 \\ 1=6 \\ 2 \times 3 \\ 3=2 \\ 6=1\end{array}\right.$ | (107 |  |
|  |  |  |  |  |  | $\int_{1} \begin{aligned} & -12 y \\ & -3<3 \\ & -y=1\end{aligned}$ | $\int^{\text {a }}$ |  |  |
|  |  |  |  | (7) $\begin{aligned} & \times 1=3 \\ & \times 2=6 \\ & \times 3 \times 9 \\ & \times 4 \times 12 \\ & \times 5=15\end{aligned}$ |  | $\underbrace{7} 0^{-1313}$ |  |  |  |
|  |  |  |  |  |  |  |  |  |  |



Use your Space Quiz to check your homework problems every night. You'll watch your grades in math ZOOM!

Challenge your friends to duels in adding, subtracting, multiplying and dividing. Let Mickey be the judge. Take turns giving each other problems. Score a point for every correct answer.

IMPORTANT:
After each problem that you put into the Mickey Mouse Space Quiz, you must clear the machine before you can do your next problem. To do that, you must push the ' $C$ ' button on calculator.

An example of a problem and the sequence of buttons to be used is as follows:
$4+4=8$
First clear the calculator. (push the ' C ' button)
Push the number ' 4 ' key.
Push the ' + ' key.
Push the number ' 4 ' key.
Push the ${ }^{\prime}=$ ' key.
Then insert your answer which if you choose the correct answer will be ' 8 ', and push the ' 8 ' key.

Then, to find out from the Mickey Mouse Space Quiz, if your answer is correct or not, push the 'QUESTION MARK' button.

Upon pushing the 'QUESTION MARK' button, a green light will light up if you are right (in this case you are right).

A red light will light up if you are wrong.

If you are right, and you wish to start the next problem, you must clear the machine again by pushing the ' $C$ ' button.

If you are wrong, you must try again, but first you must push the 'CLEAR' button (the 'C' button) and repeat the sequence again.

CAUTION: To save battery life, please make sure after each problem that you clear the machine as this will turn off the lamp and also turn off the sound.
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