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#### A NOTE TO PARENTS AND TEACHERS

This "Fun 'n' Numbers" book was designed to go 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.

. (NOT INCLUDED)

I'VE ADDED THESE NUMBERS, MICKEY! NOW HOW DO I FIGURE OUT IF I'VE GOT THE RIGHT ANSWERS?

CHECK WITH MY SPACE QUIZ!

### HERE'S HOW TO CHECK WITH MICKEY.

Punch these buttons on the Space Quiz.

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





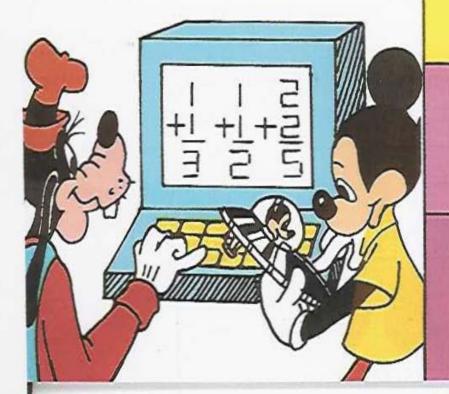


























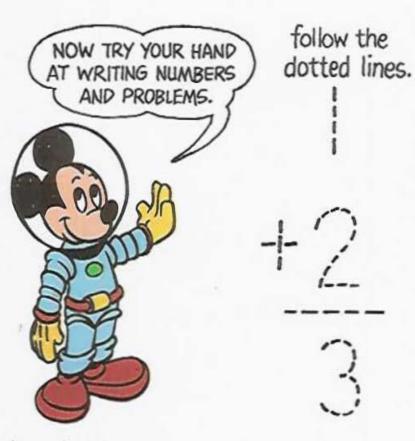








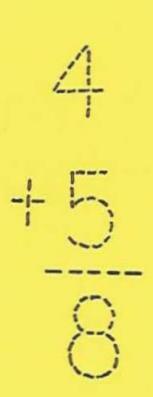


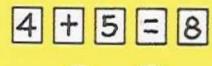


Are the answers right? Check each answer with Mickey's Space Quiz. Circle the light 2 that flashes.

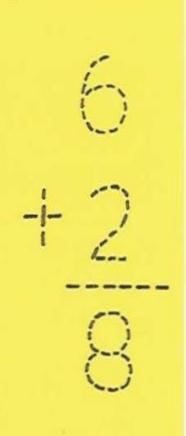














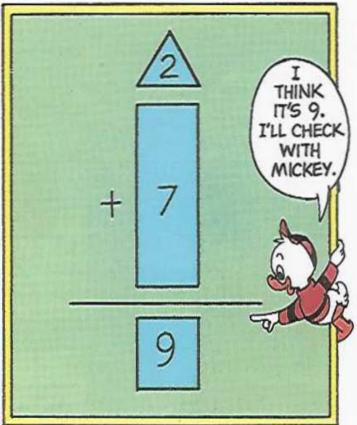




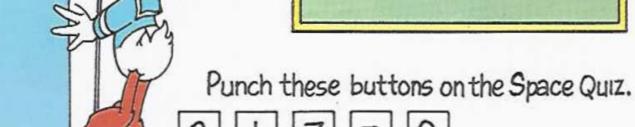


Use addition when you want to find the sum of two or more numbers. The word sum means total.





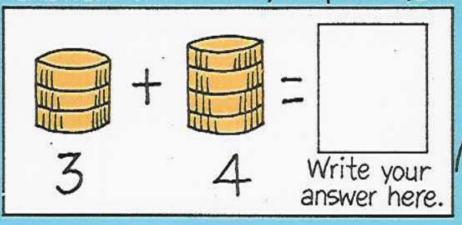




Is Dewey right or wrong?



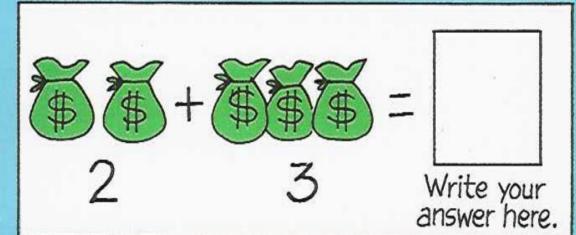
Help Uncle Scrooge ADD his money. Check your answers with Mickey's Space Quiz.



WERE YOUR
ANSWERS
RIGHT?







## 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.

1+1= 3	2+1= 5	1+6=	1 12	2+6= 8	2+7= 9	1†5= 7	1†8= 18	7†2= 6	6† = 5
1+8= 7	2+3= 6	1+1=	2+5= 7	3+1= 31	1+3= 13	9+2= 	9 † I= 10	2+5= 6	5+1= 15
2†2= 4	2†3= 5	1+5=	8+l= 9	8+2= 10	1+2=	4+1= 5	4+2= 6	6+1= 7	1+7= 8
1+7=	1+3= 4	6+2= 4	7+2= 5	9+2= 7	9†1= 8	5†1= 8	1+2=	2†8= 10	1+4=



## Can you help Mickey draw the bird?



Color in the squares that have *right* answers. Check with Mickey's Space Quiz.

1		r						
	1+1=	1+1=	1+2=	4+2= 2	4+2= 8	5+3= 10	9+6= 15	3+1= 1
	1+2= 12	3+10= 13	3+5= 15	5+2= 10	5+3= 9	7+6= 13	9+8= 16	5+8= 13
	4+5=	3+2= 6	9+l= 10	5+9= 14	5+5= 10	4+4= 8	9+3= 12	9+2= 8
	3+3= 9	2+2= 5	8+6= 14	3+7= 10	5+4= 9	8+8= 28	7+9= 17	5+l= 8
	3+4= 12	9+4= 13	5+6= 13	7+5= 12	5+7= 2	7+6= 15	2+9= 5	4+9= 36
	3+5= 2	4+7=	6†7= 14	6+4= 10	5+8= 14	7+6= 42	6+1= 5	5+4= 20
	3+5= 9	6+2= 12	5+3= 8	6+6= 	2+9= 	8+7= 	1+7=9	5+5= 15

+ =	2+2=	2+3=	2+7=	6+2=	7+6=	1+6=	4+7=	6+6=	5+6=	6+7=	5+6=
	4	5	9	12	15		12	12	12	13	13
+ =  2	1+3= 3	2+9= 18	4+2= 2	5+2= 7	7+6= 42	1+7=	7+7= 14	4+4=	5+7= 17	5+9= 4	6+6= 12
1+2=	1+2=	3+7=	4+2=	3+1=	2+8=	2+9=	2+10=	4+5=	5+8=	6t8=	8+9=
3	4	12	8	4	10		12	1	19	7	17
1+3= 4	1+2= 12	3+9= 13	5+2= 10	6+6= 11	8+7= 1	2+7= 5	4+5=	4+8=	5+8= 40	6†8= 15	5+7= 12
1+4= 14	5	24	5+3= 9	12	1	10	4+9=	16	3	16	6+7= 14
1+5= 7	1+6=	2+5= 7	5+3: 10	5+7= 2	1+4=	4+6= 24	4+5= 7	4+9= 36	5+6= 11	7+5= 35	7+9= 17
1 <del>+7=</del>	2+7=	3+4=	5+6=	5+8=	3+7=	4+6=	4+8=	5+4=	9+7=	7+3=	2+9=
6	5	7	13	14	10	10	13	20	16	4	5
2+7=	3+9=	3+5=	2+6=	8†8=	1+5=	3+5=	4+8=	8+7=	6+9=	3+5=	2+1=
10	11	7	8	28	7	7	2	15	16	7	5
2+8=	2+9=	9+8=	6+7=	3+6=	3+8=	5+10=	5+9=	5+5=	5+9=	1+6=	1+8=
6	7	16	14	9	11	15	14	15	45		18

AND NOW FOR A MYSTERY PICTURE!

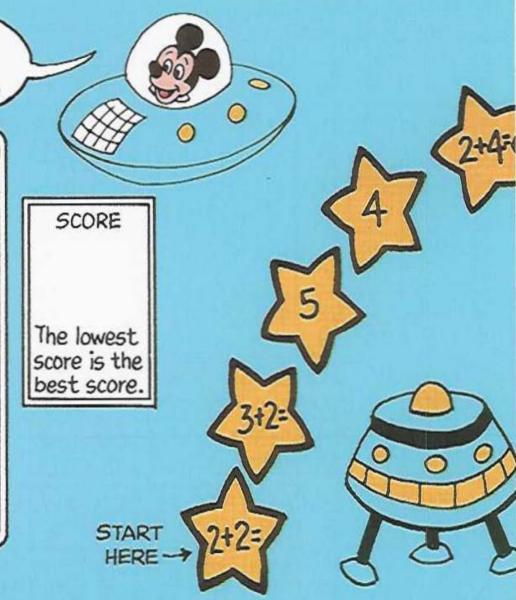


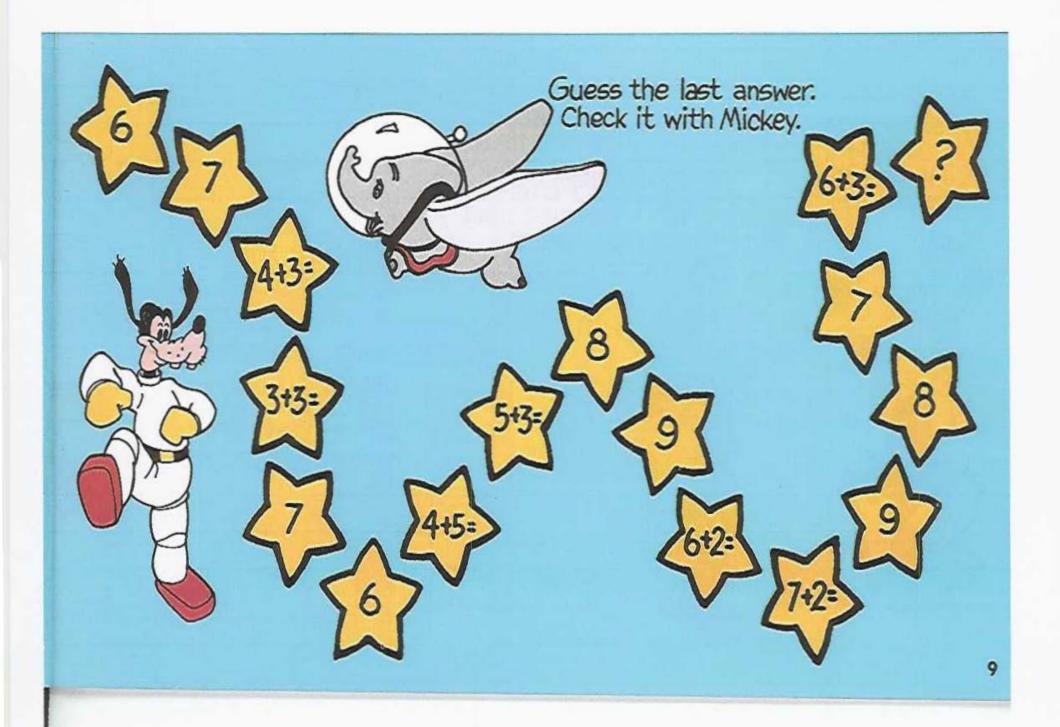
Color in the squares that have right answers.

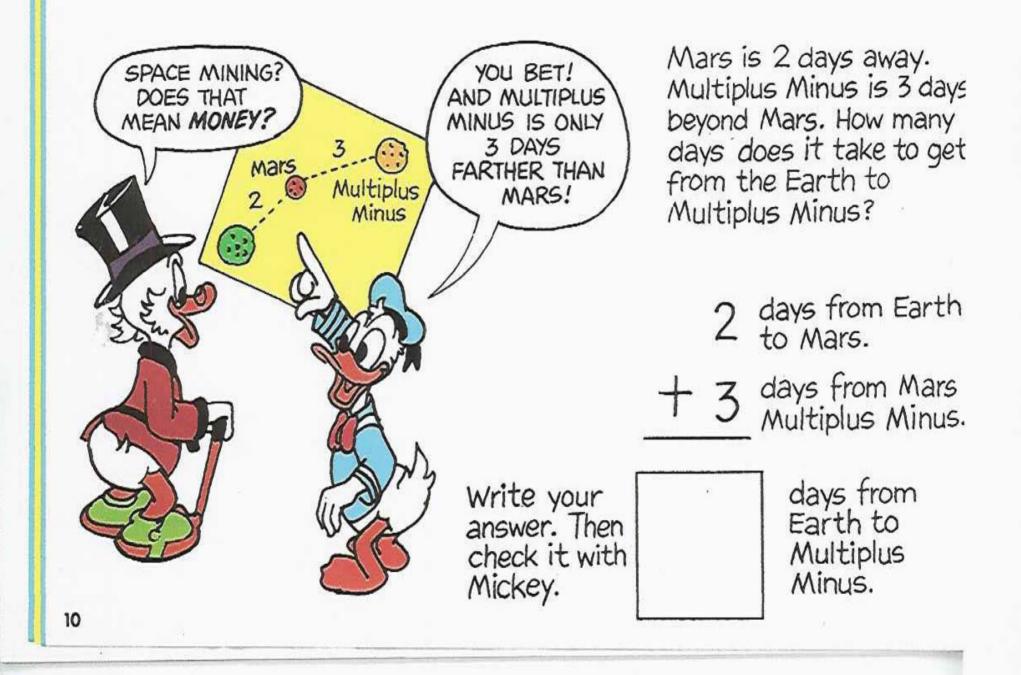
# ADD-A-STAR.

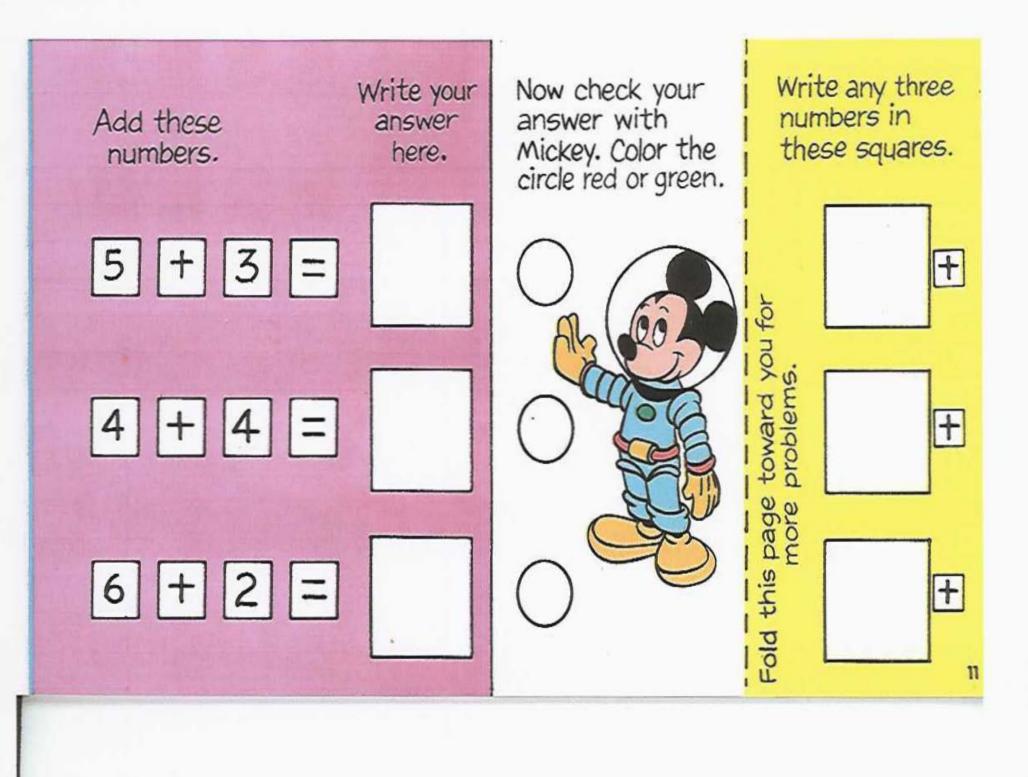
- ① Use a button for a marker.
- ② Flip a coin to move. Move 2 stars for heads and I for tails.
- 3 Guess the answer. Then move to the star that has that number.
- ① Check your answer with Mickey. If you were RIGHT, take another turn.

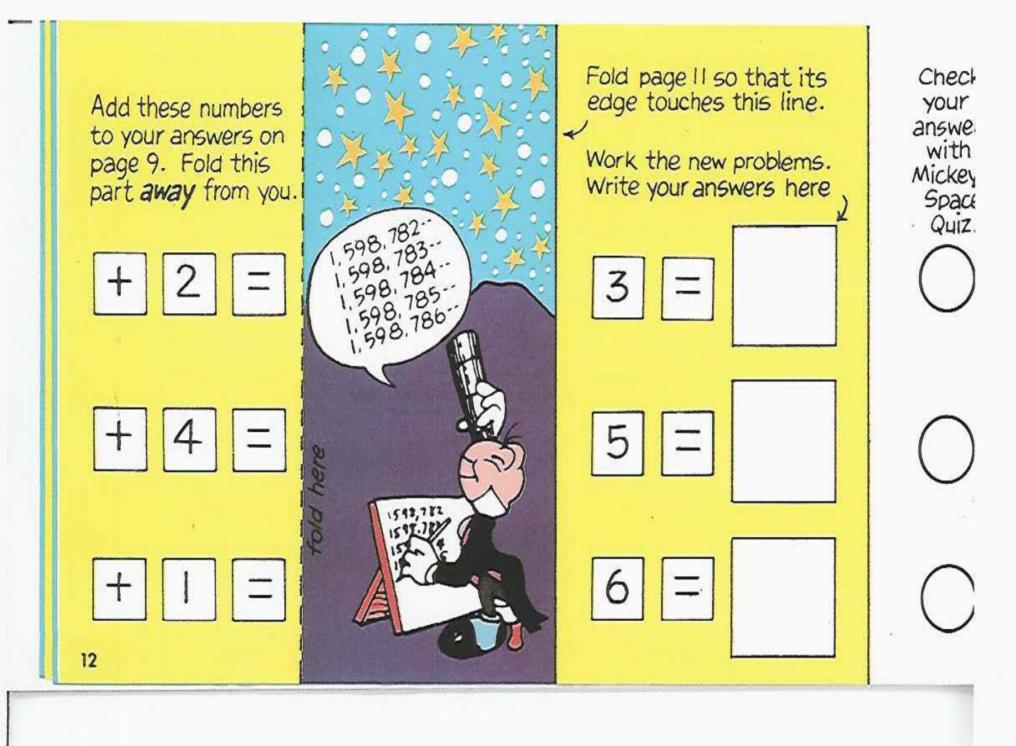
If you were **WRONG**, make a mark (v) in the score space. Then choose another answer and try again.

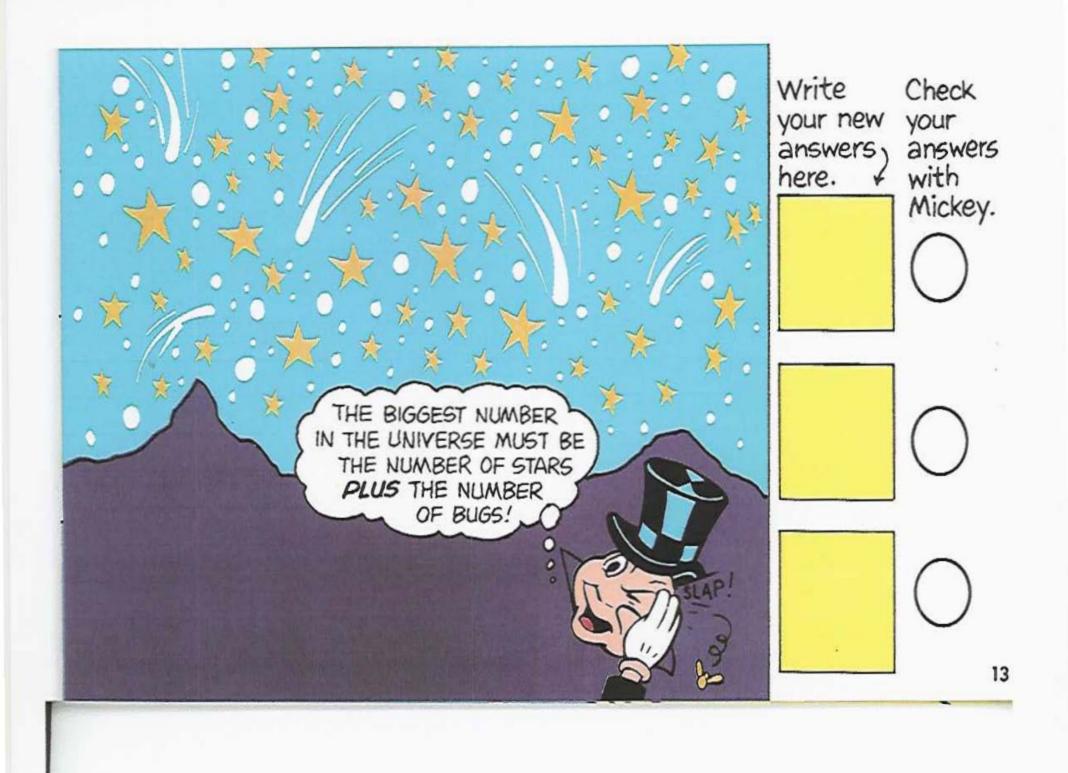




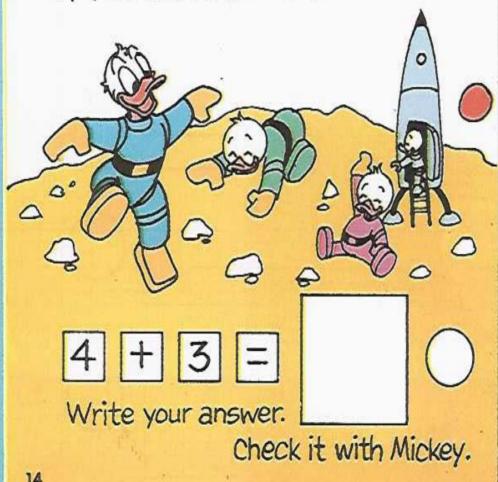








The rocket used 4 tons of fuel to get to Multiplus Minus. It will use 3 tons to get back. How many tons of fuel will it use in all?





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



YOU USE SUBTRACTION
WHEN YOU WANT TO
TAKE AWAY ONE
NUMBER FROM
ANOTHER NUMBER.

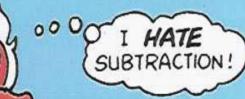
GRR! DONALD'S

SPACE-MINING PLAN

COST ME \$2 MILLION.

I'LL HAVE TO

SUBTRACT.





If Uncle Scrooge had \$7 million to start, how many millions does he have left?



7 million



-2 million

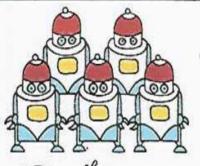
Write your answer: Then check it with Mickey.



million

The number left after subtracting is called the difference.

### Work these SUBTRACTION problems.



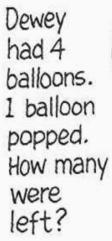
There were 5 robots.

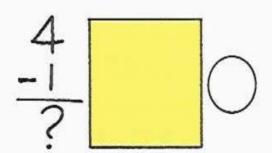


Then 2 robots broke

How many robots were left?

 $\bigcirc$ 







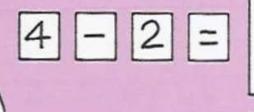


Mickey has 7 tulips He gives 4 to Minnie How many tulips do Mickey have left?

16 Write your answers. Then check them with Mickey's Space Quiz.



To answer Mickey's riddle, solve these subtraction and addition problems.



Write your answers. Check them with the Space Quiz.

I Fold this page I toward you.

Use the code to find the answer.

AN AIR

CRASH





CALL A FLYING

MOUSE THAT

CAN'T SEE?

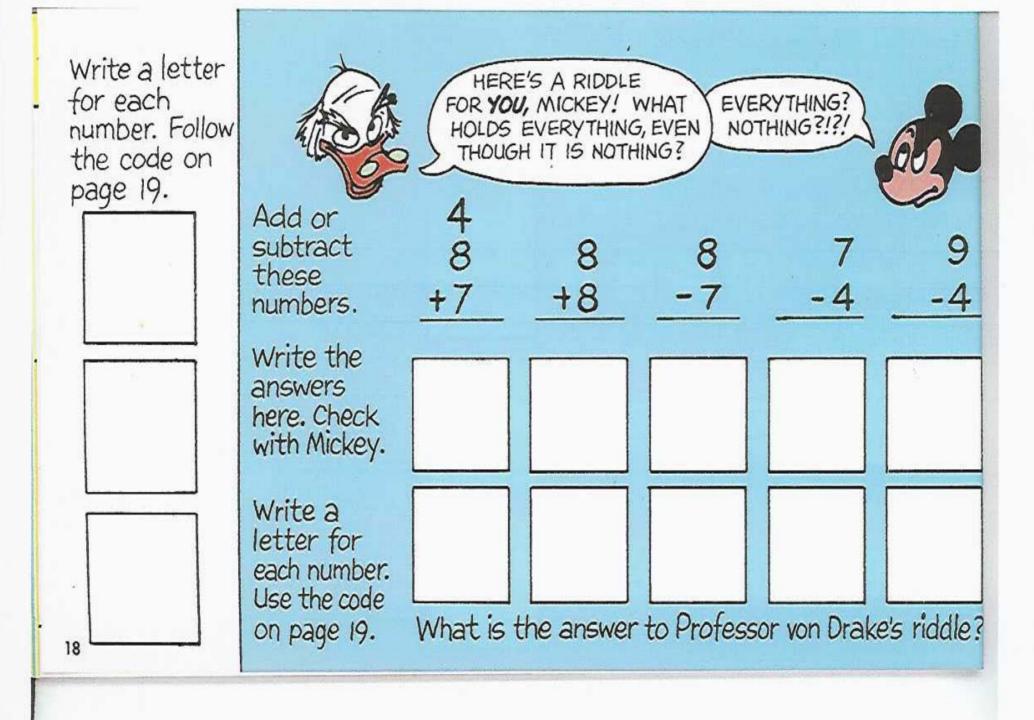














# HOW ABOUT THIS RIDDLE? WHAT DO YOU CALL A SPOT FROM WHICH EVERYTHING HAS BEEN SUBTRACTED?

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.

9	8	9	9	5	5	9	8	6	8
<u>-7</u>	+4	<u>-8</u>	<u>-6</u>	+6	-5	-1	+7	+6	-3

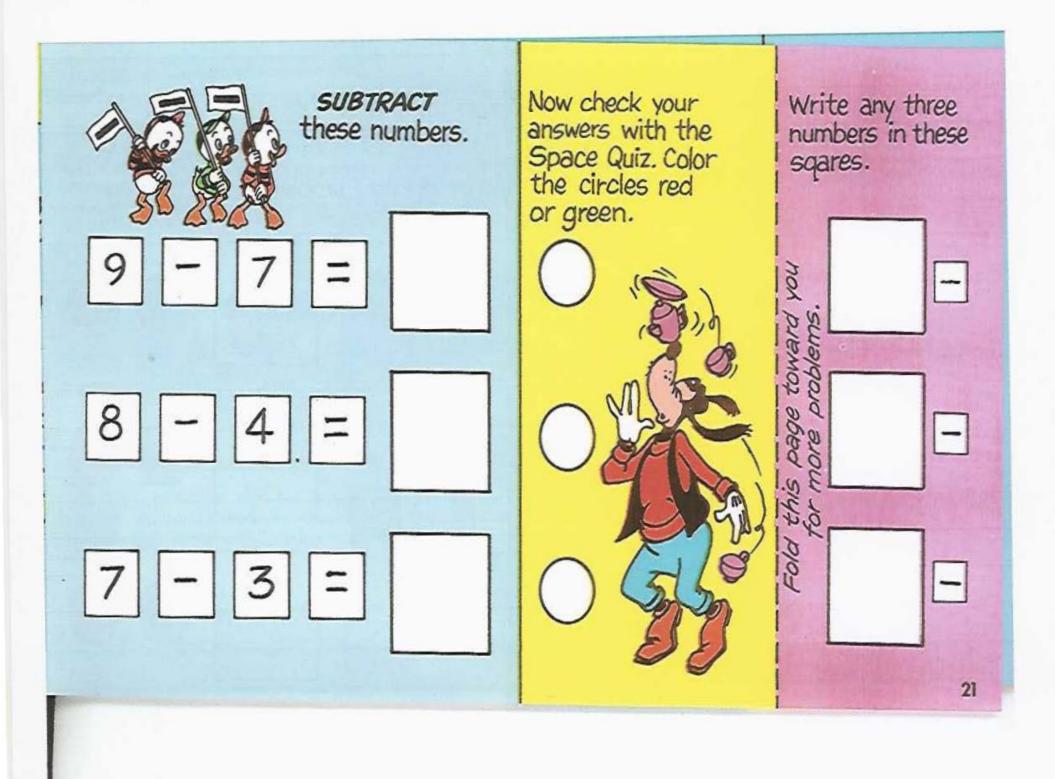
	-	T			
/rite lett	ers here-	2			

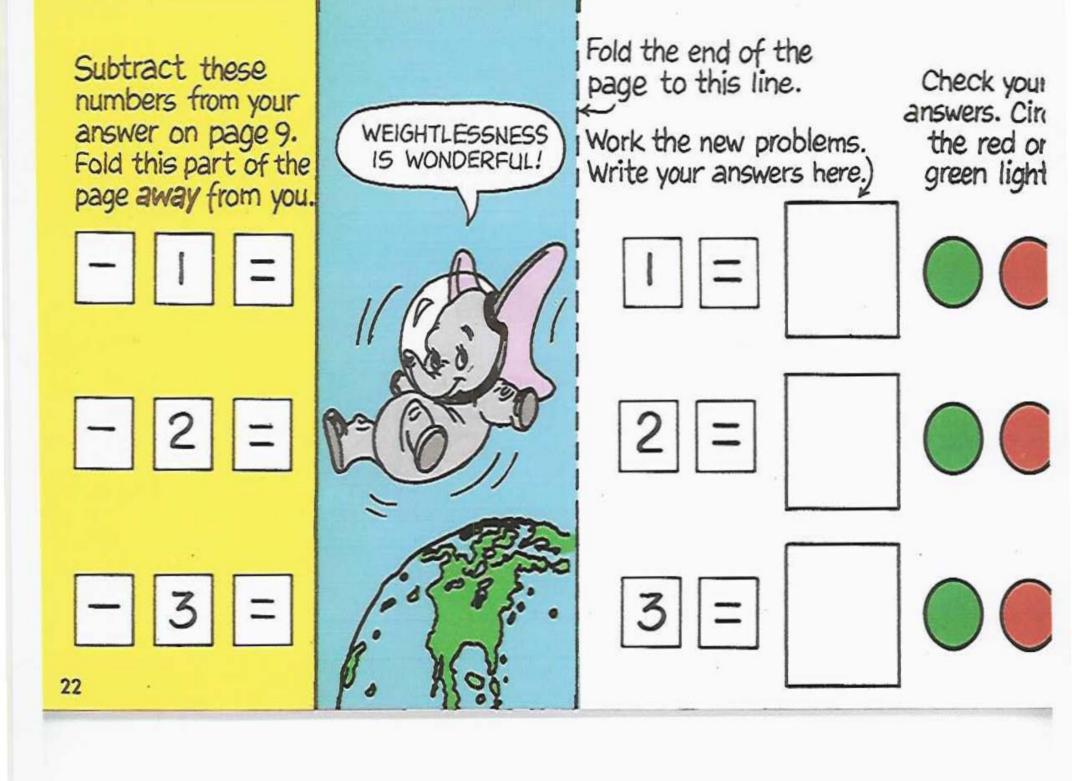
#### RIDDLE CODE

-	_		
Ά	<sup>2</sup> B	<sup>3</sup> C	<sup>⁴</sup> D
2	6 F	G	8 H
9 I	J	К	12 
M	14 N	15	16 P
17 Q	18 R	19	20 T
21 U	22 V	23 W	24 X
25 Y	$Z^{6}$	o Blank	

#### DONALD DUCKS OUT







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





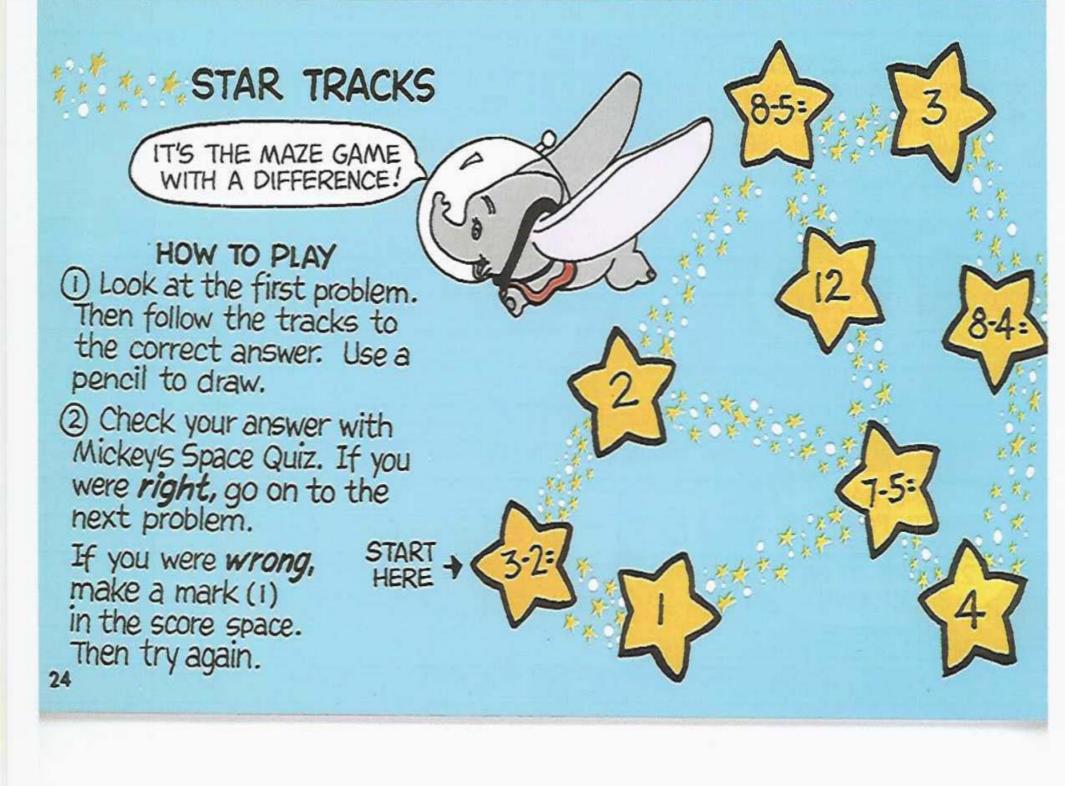
How many hours shorter is Mickey's return trip?

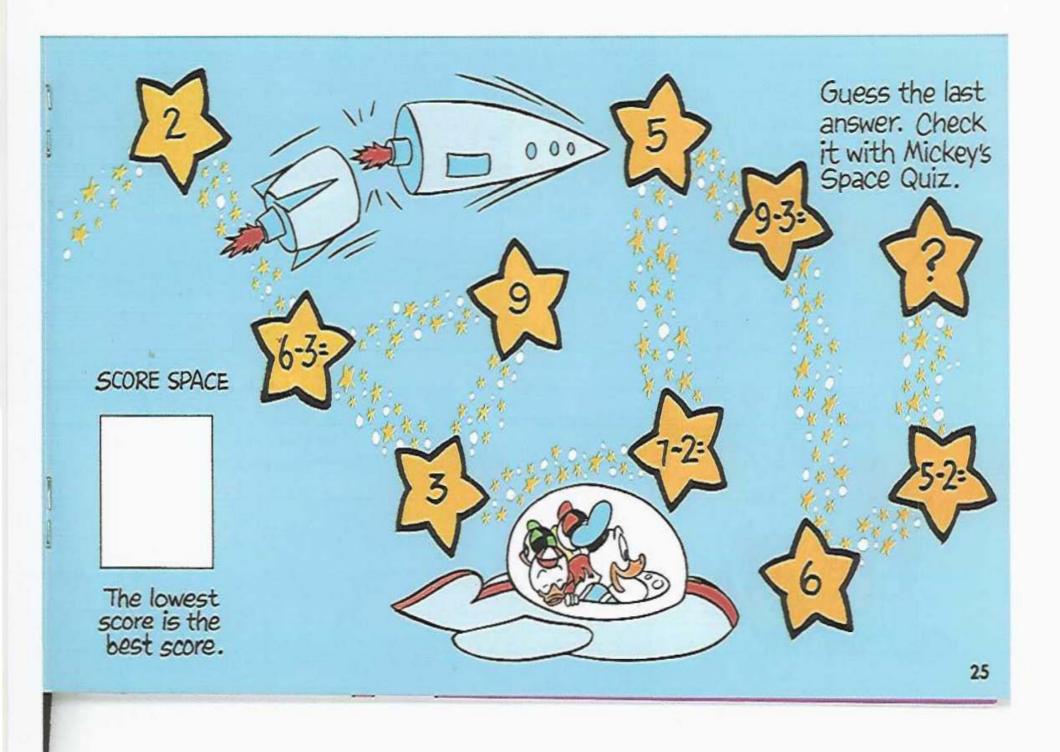
GOING BACK,
GRAVITY PULLS ME.
SO IT TAKES ONLY
2 HOURS TO GET
BACK DOWN.

5 - 2 =

Check your answer.

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







2 PLUS 2, PLUS 2, PLUS 2, PLUS 2, PLUS --PLUS --PLUS --THAT TOO MANY 2s?



DON'T GET ADDLED, COUSIN SCROOGE! THERE'S A FAST, EASY WAY TO ADD NUMBERS THAT ARE ALL THE SAME!



JUST TODAY, O UNCLE SCROOGE MADE **5 TIMES** AS MUCH AS MY MOON-MINING COST HIM!



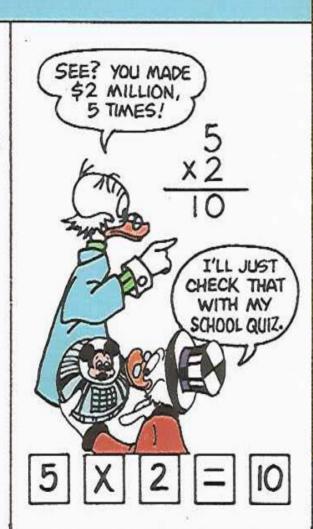
## MULTIPLICATION

This is the multiplication sign.

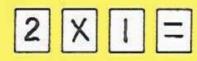




It means "times."



multiply these numbers.



2 X 2 =

2 X 3 =

2 X 4 =

2 X 5 =

When in doubt, check with Mickey!

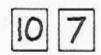
Color in the box with the correct lanswer.









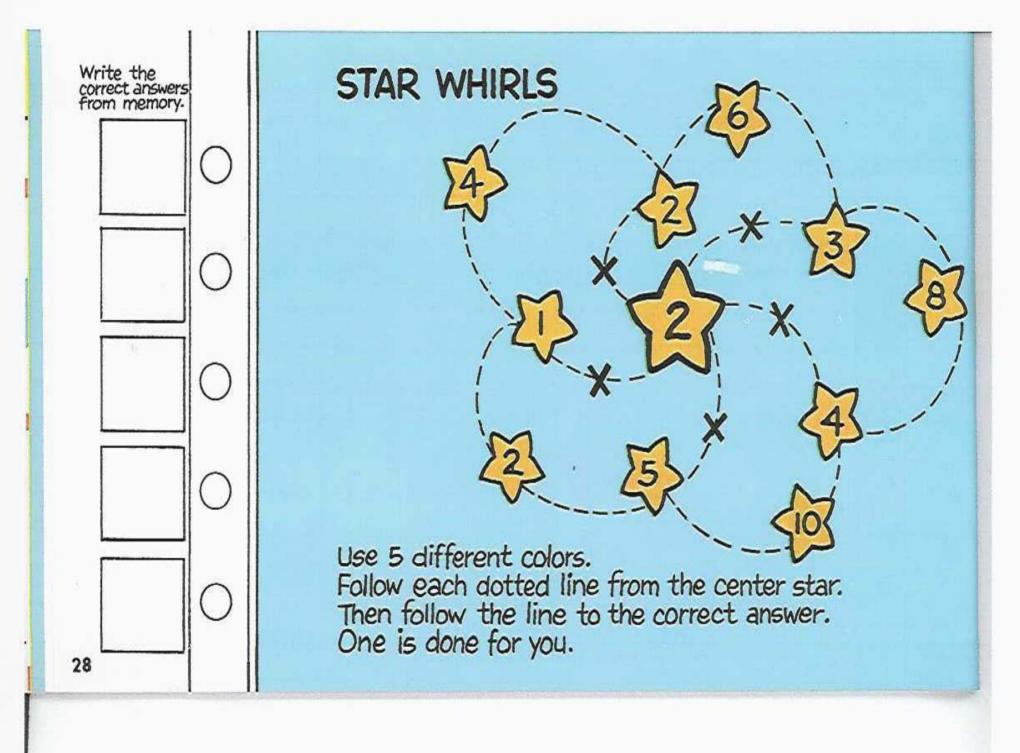


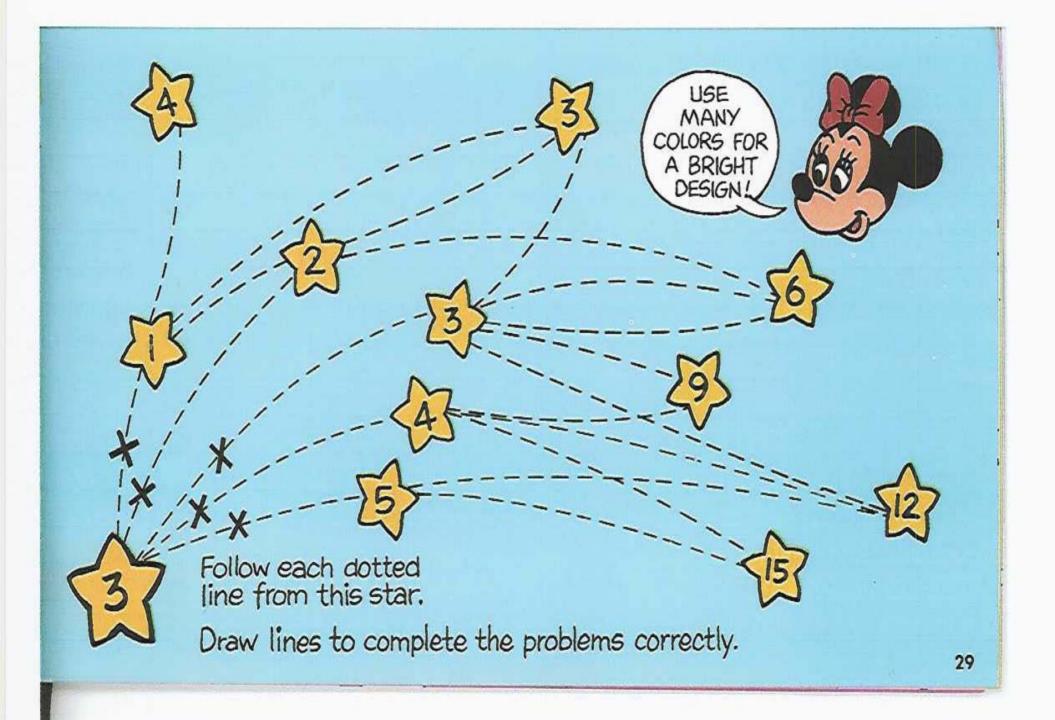


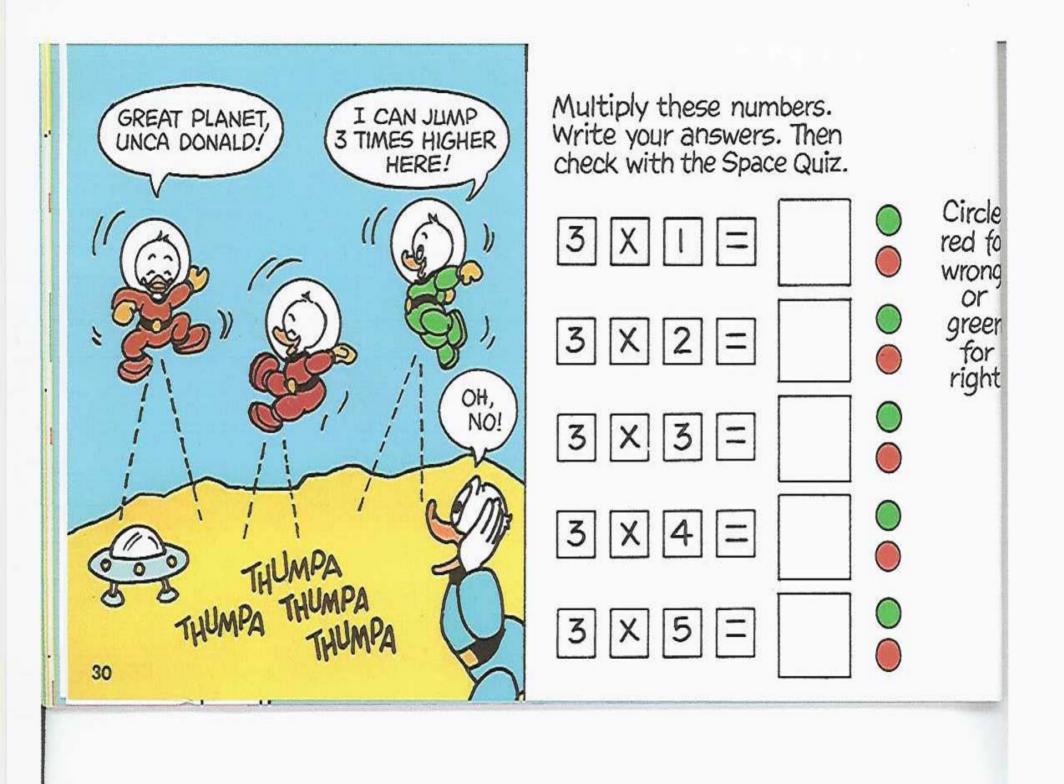
NOW USE MY FLYING SAUCER TO QUIZ YOURSELF.

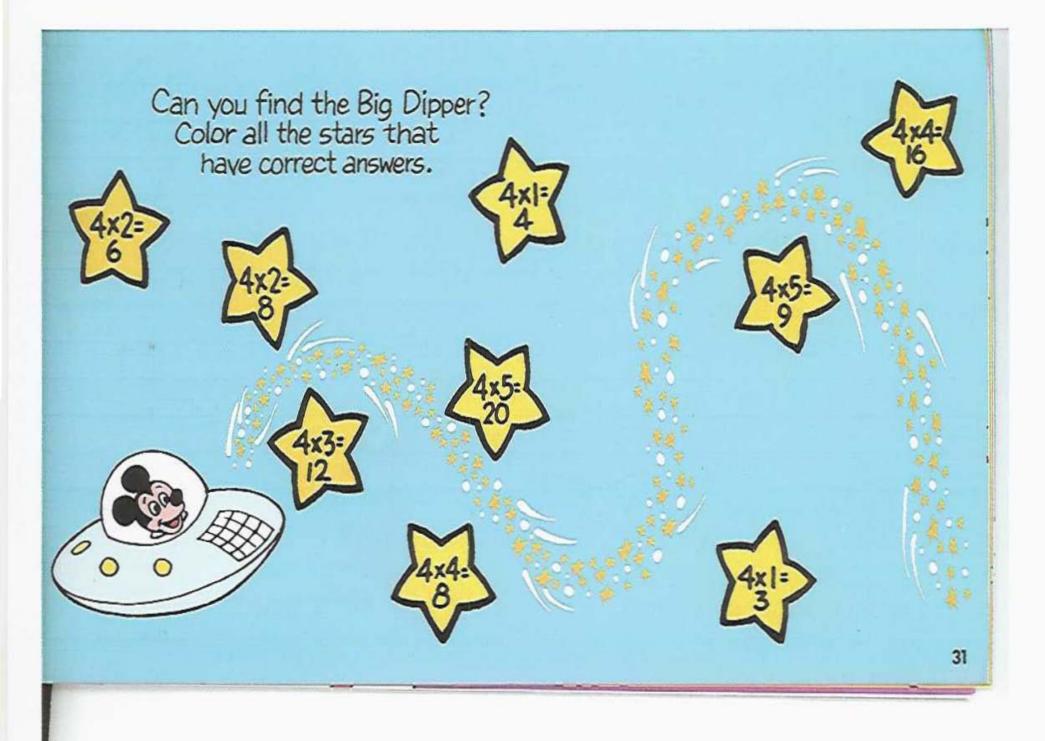
Fold this page toward you.

27







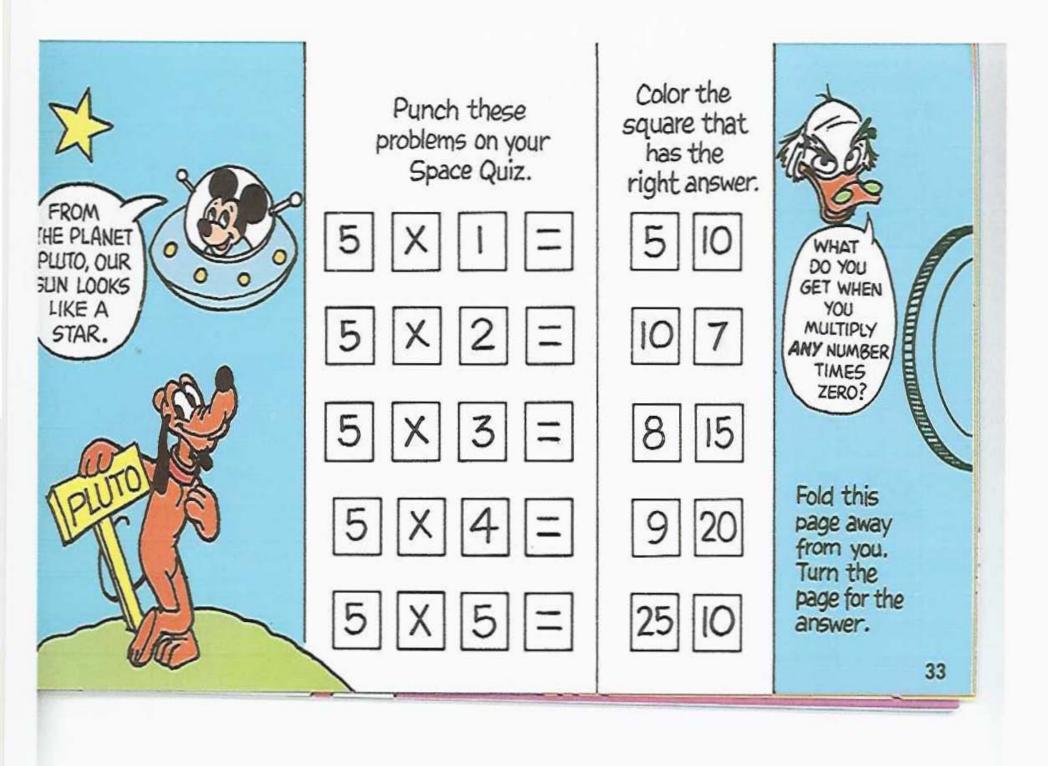


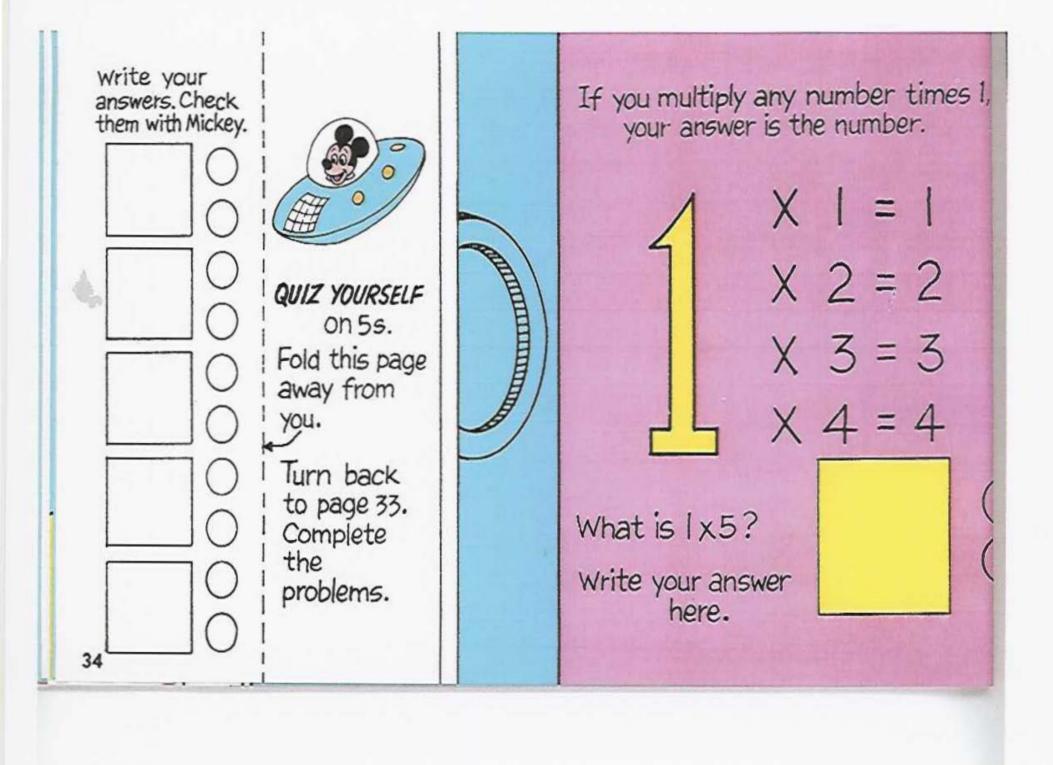
What does Pluto see in the stars?

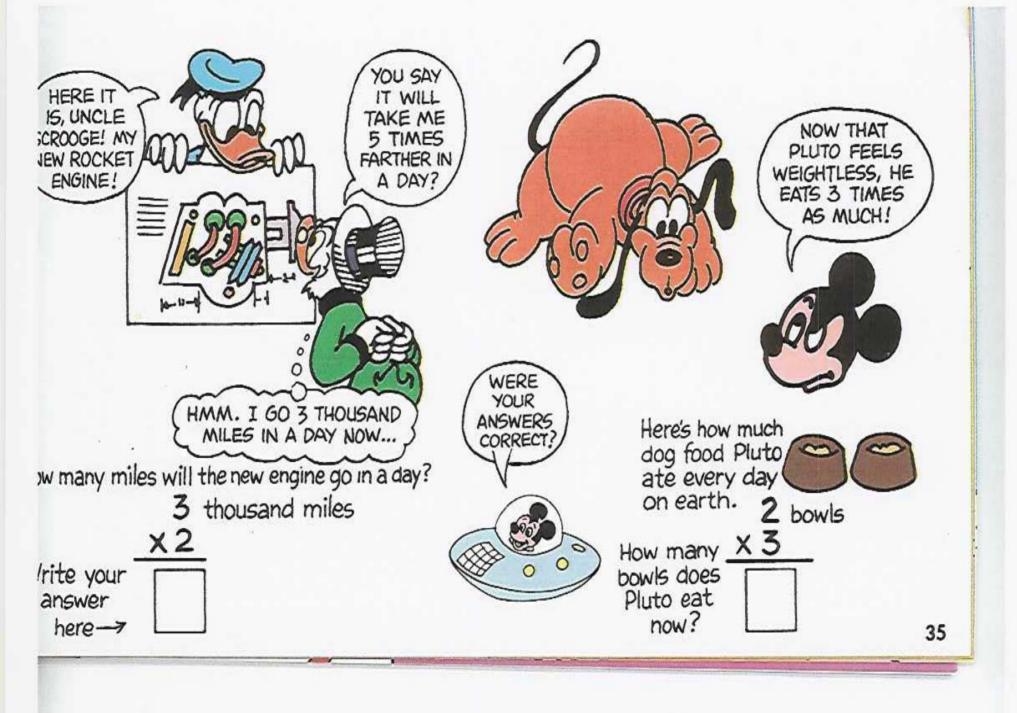


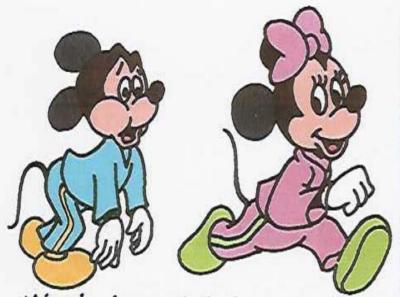
Connect the stars in order. Count by 5s.







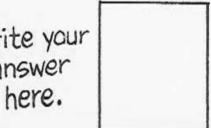


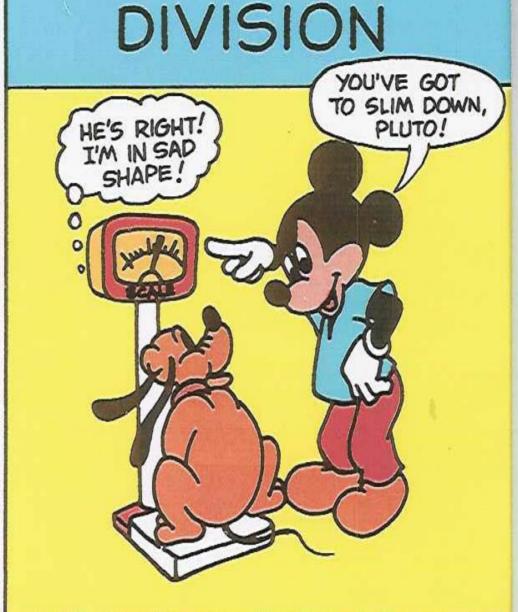


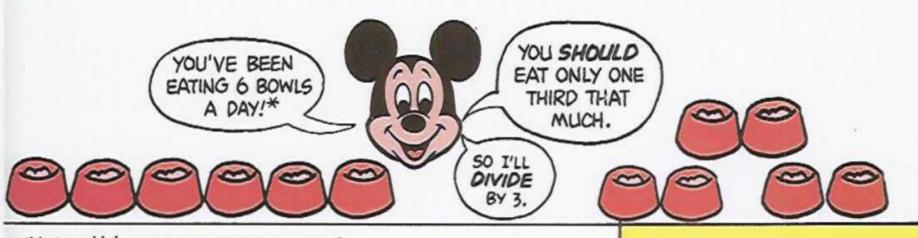
Minnie jogged 4 times farther than Mickey. Mickey jogged 2 miles. How far did Minnie jog?

2 miles

Write your answer here. 36







\* Was this your answer on p.35?
Punch this problem into Mickey's Space Quiz.











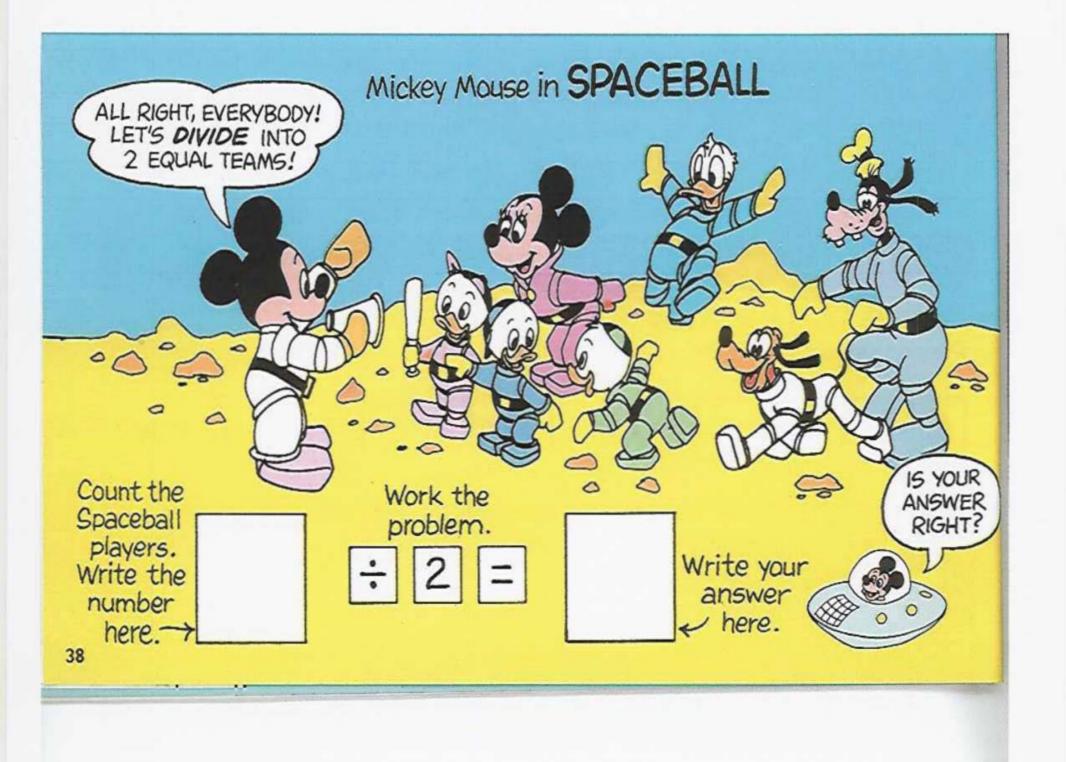
Write your answer. Check it with Mickey.

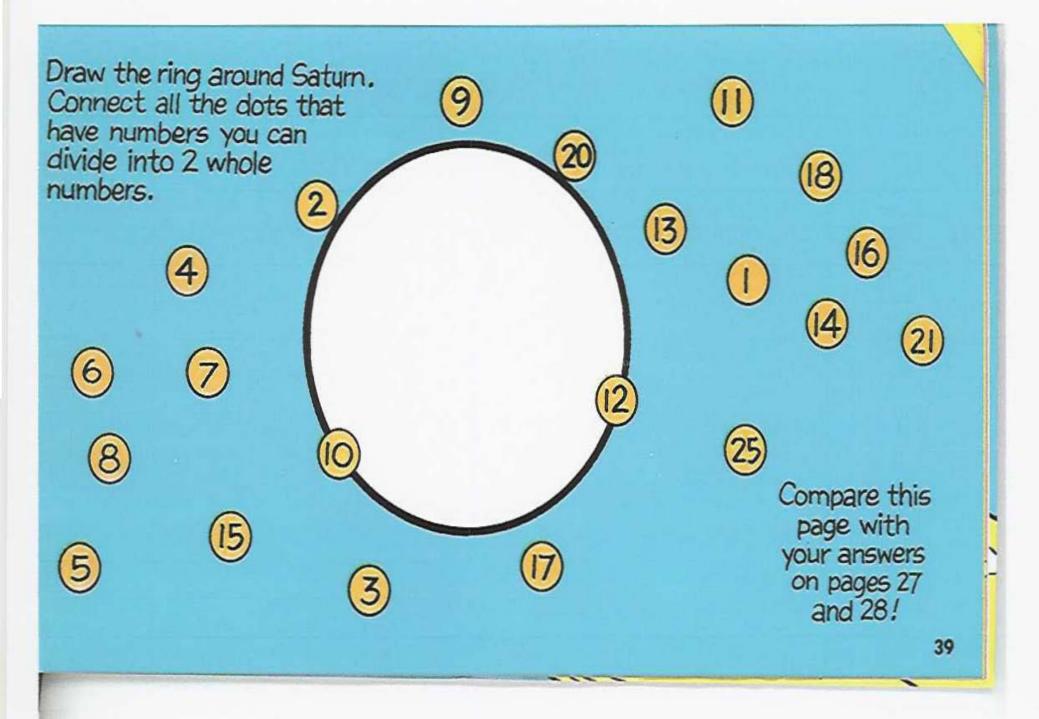
0

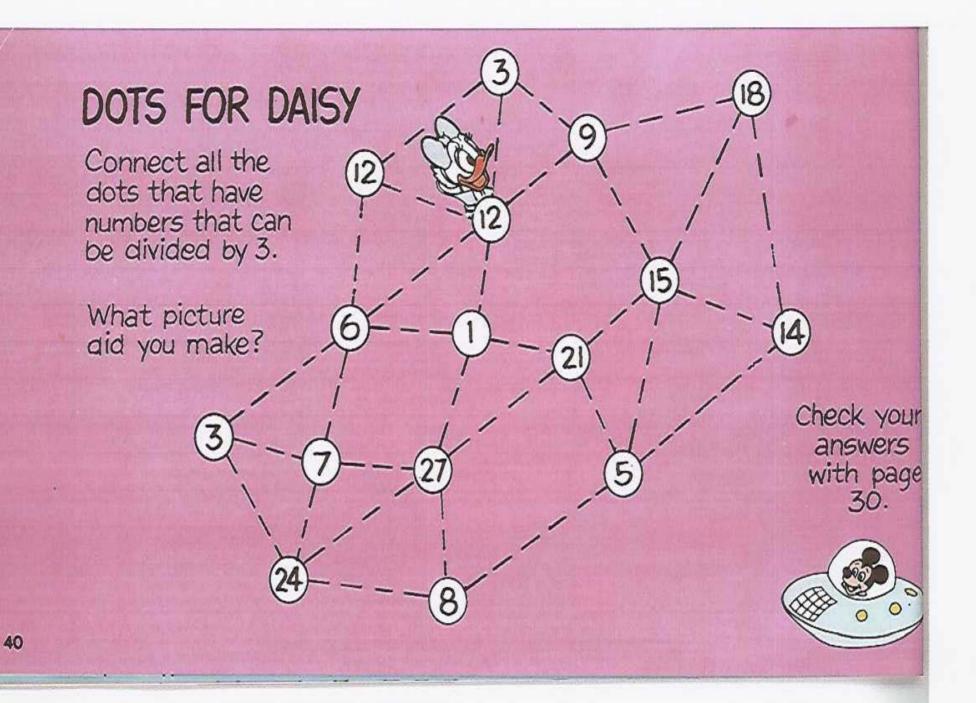
This is the division sign. It means "divided by." Dividing means cutting into equal parts.

DIVISION is the reverse of MULTIPLICATION.

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









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 Quiz!

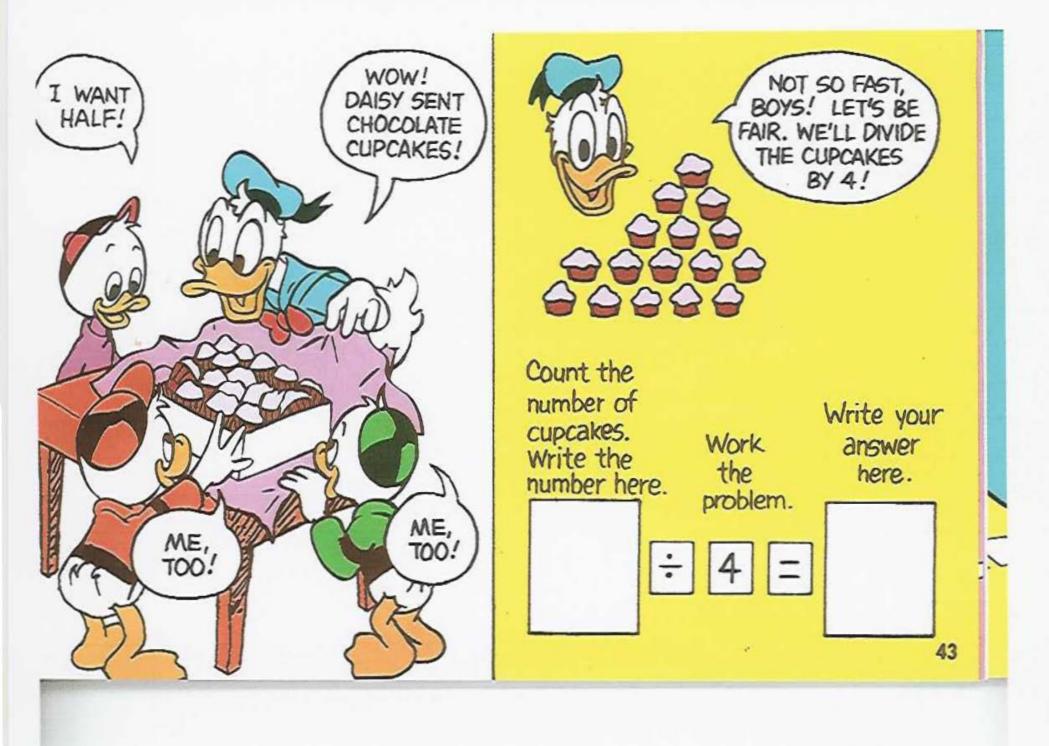


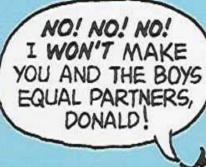
25÷4= 6	20:5: 4	10:5:	16÷2= 14	16÷2= 6	16÷4= 12	16÷4= 8	12÷4= 2
18:3= 6	15÷5÷ 3	4÷2= 2	12 <del>:</del> 4=	12÷4= 16	10 <del>:</del> 2= 8	10÷2= 4	21:7= 3
25÷2=	24÷4=	16÷4=	2÷1=	16÷8=	18÷6÷	21÷10=	10÷2=
10	4	4	2	2	3	2	4
20÷4=	12:4:	8÷4=	6÷2=	12÷3=	14÷2=	10÷2=	9÷3=
3	3	2	3	4	7	20	6
20 <del>:</del> 5:	9÷3= 3	7÷2= 3	7÷2= 5		16÷2= 8	9÷3= 12	8÷4= 3
10÷2=	8÷2=	6÷2=	6÷2=	21÷3=	20÷2=	8÷2=	8÷2=
5	4	4	12	7	10	6	8

-	25÷4= 6	15÷5: 3	20 <del>:</del> 4=	24:4: 4	24÷6= 6	24÷2= 10	10÷2= 5	4x5= 20	24×4= 4
	30÷5≕	25 <del>:</del> 5:	25 <del>:</del> 2=	25÷5=	24÷3=	12÷4=	8÷4=	25×2=	12÷3=
	6	4	10	5	7	3	3	10	4
-	16÷4=	21 <del>:</del> 3=	20÷4÷	20÷5=	5x6=	8÷2=	7÷3=	6x2=	30÷6÷
	4	6	3	15	30	6	4	4	5
	21÷7= 3	16÷2= 14	16÷2= 6	16÷4= 12	8×2= 10	6÷2= 4		16÷4= 8	4x4: 16
-	16 <del>:</del> 4=	24÷4=	9 <del>:</del> 3=	9 <del>:</del> 3=	7x4=	6÷2=	6÷3=	16 <del>:</del> 2=	24x6=
	8	6	6	12		12	3	8	6
	12÷4=	10÷2=	24÷8=	6x3=	7 <del>:</del> 2=	6÷3=	2×5=	24÷2=	5×5=
	2	8	3	3	5	18	10	20	10
	12÷4=	10÷2=	6 <del>:</del> 3=	24÷6=	7x3=	5x3=	24÷2=	6x2=	5÷5=
	8	4	9	4	10	15	22	8	25
	12÷4= 16	10+2=	10x2= 8	6÷3= 9	15÷3= 5	4÷4= 2	5÷5= 5	4÷2= 6	4x2=



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

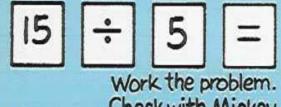




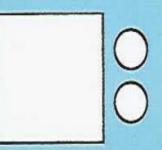
DOES HE THINK I WANT TO SPLIT MY MONEY 5 WAYS!

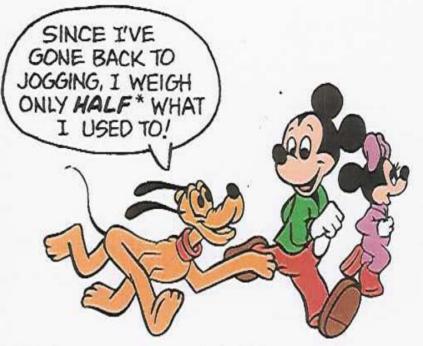


Scrooge has 15 million dollars. If he split the money 5 ways, how much would each person get?



Check with Mickey.





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

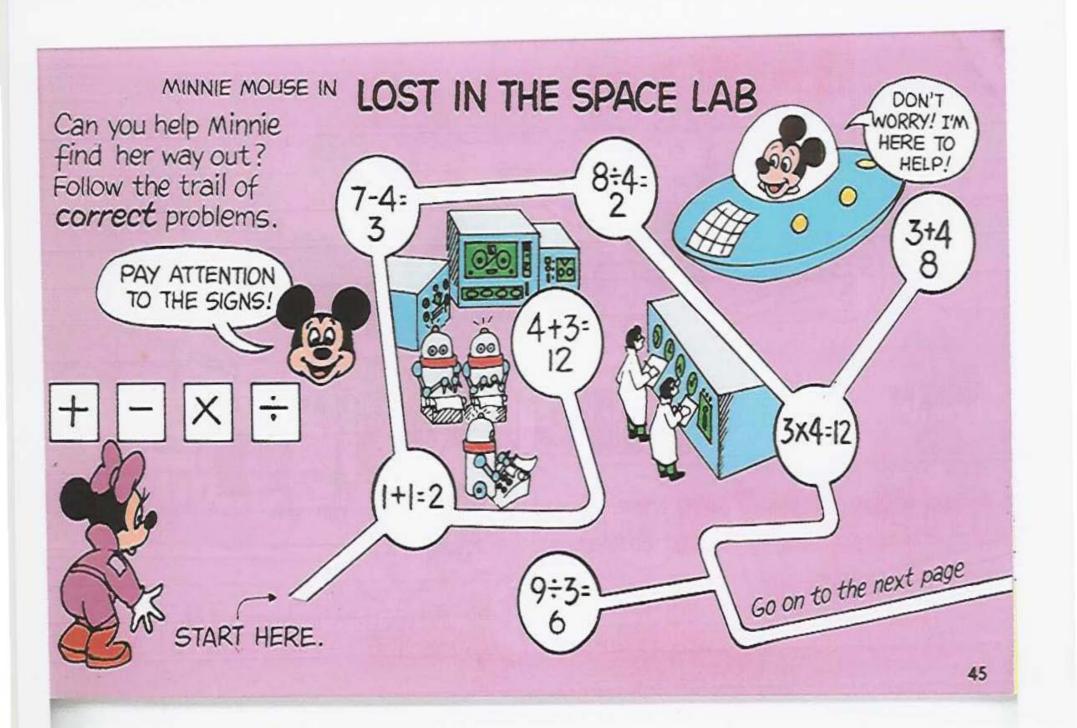


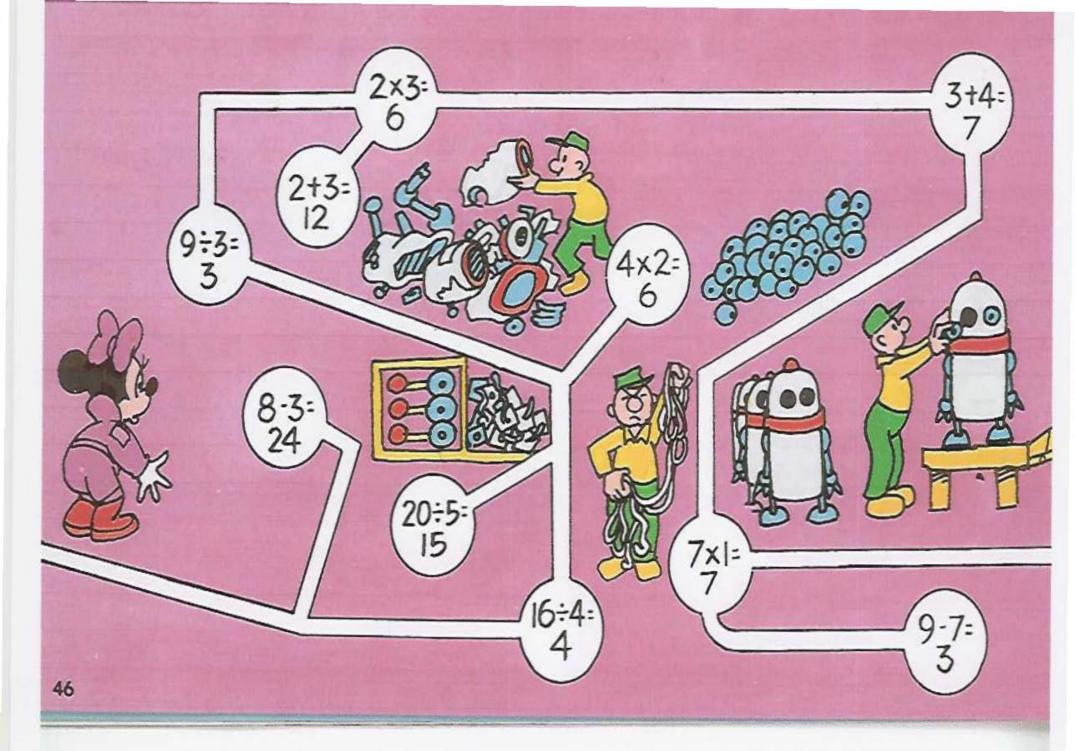


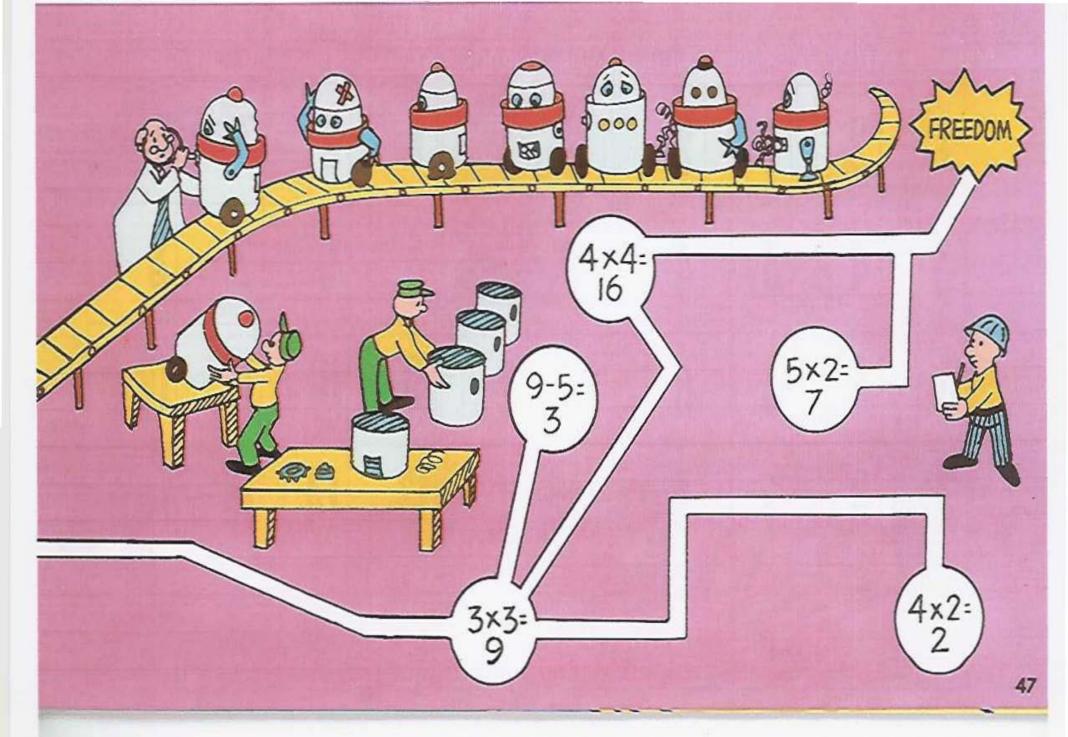




Work the problem. Check with Mickey.

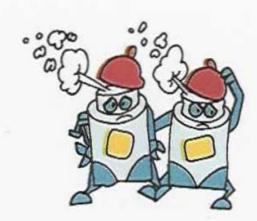






ADDITION	SUBTRACTION	MULTIPLICATION	DIVISION			
1 : 1-2 2 : 3	1 - 1=0 2 = 1=1 2=0	THIS PAGE HAS ALL THE ANSWERS!	1 -1-1 2 +1-2 3 +1-3 4 +1-1			
3 3 4	3 - 1*2 - 2*1 - 3*0 4 - 1*3 - 2*2 - 3*1 - 4*0		5 = 1 = 6 = 1 = 7 = 1 = 8 = 1 = 8 = 1 = 1 = 1 = 1 = 1 = 1			
5 10 6 10 6 10 6 10 10 10 10 10 10 10 10 10 10 10 10 10	5 - 1-4 1 2-3 2 3-2 3 5 - 4-1 6 - 3-3 6 - 3-3 7 4-1 6 - 5-0	1 x 1-1	9 - 3-3			
7 8	7 8	3 x 2-6 x 3-9 x 4-12 x 5-15 4 x 5-20	13-13-1 14-13-1 15-13-1 16-13-1			
9 - 1-10 - 2-11 - 3-12 - 4-13 - 5-14 - 6-15 - 7-16 - 6-17 - 9-18	9 - 1-8 - 2-7 - 3-6 - 4-5 - 5-4 - 6-3 - 7-2 - 8-1 - 9-0	5 × 1=5 × 2=10 × 3=15 × 4=20 × 5=25	20-10-20-10-25-10-2			

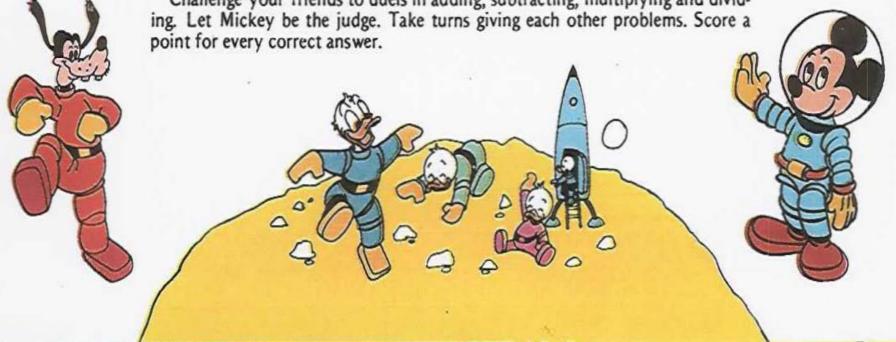






Use your Space Quiz to check your homework problems every night. You'll watch your grades in math ZOOM!

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



## 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 '=' 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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