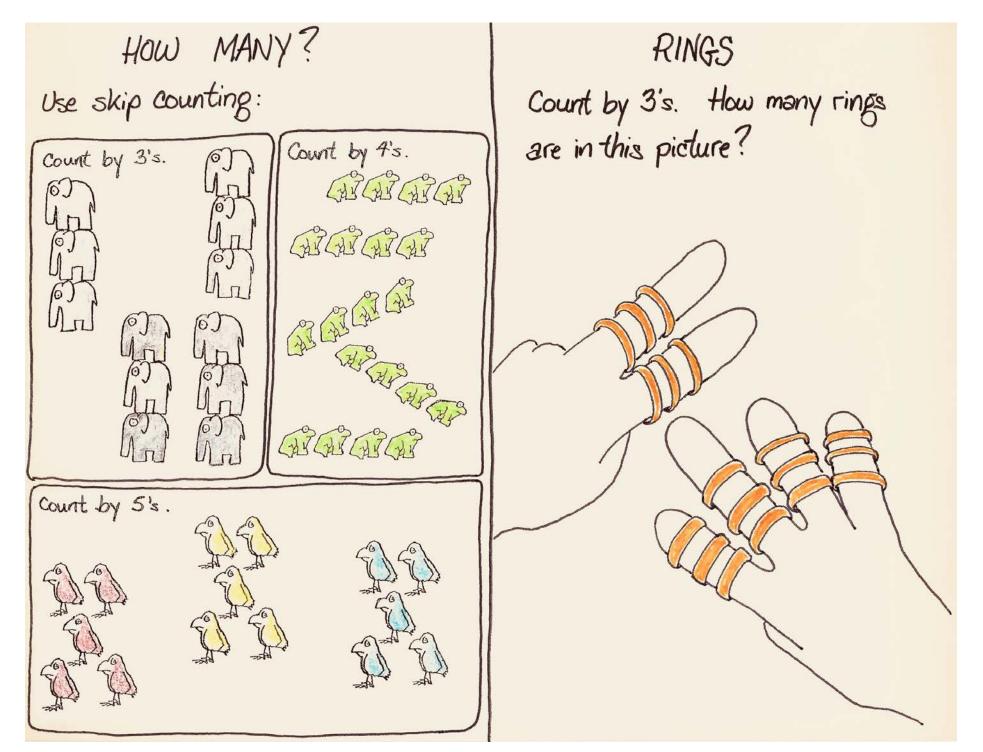


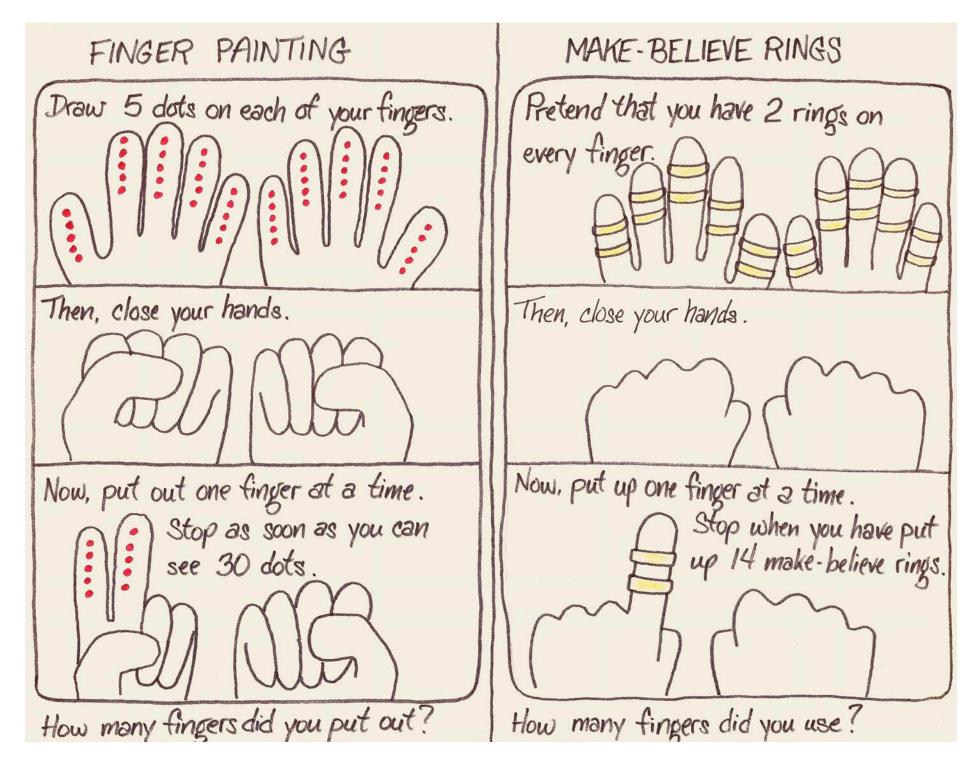
DIVISION WITHOUT REMAINDERS

A REPEATED ADDITION METHOD

Count by 2's: 2, 4, 6, 8, 10 ... How many elephants? How many frogs? 3-36-3 Gibas GR GR GBGB How many alligators?

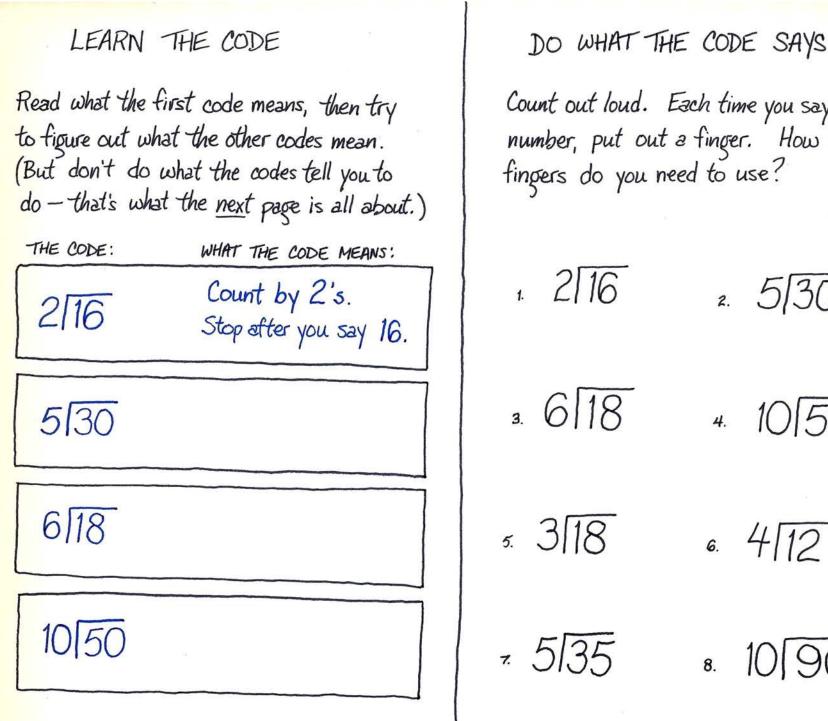
REMEMBER SKIP COUNTING





TALK TO YOUR FINGERS Close your hands like this: Count aloud by 5's. Each time you say a number, put out a finger: Keep counting until you say 40, then stop. How many fingers did you use?

HOW MANY FINGERS? Count by 3's as you put out each Stop just after you say 12. finger. How many fingers did you use? Count by 10's. Stop after you say 60. How many fingers did you use? This time, count by 2's. Stop after you say 14. How many fingers did you use?



Count out loud. Each time you say a number, put out a finger. How many fingers do you need to use? 1 2/16 2. 5/30 3. 6118 10150 5. 318 4/12 × 5135

A DIFFERENT CODE

Read what the first code means, then try to figure out what the other codes mean. (But don't do what the codes tell you to do - that's what the <u>next</u> page is all about.)

WHAT THE CODE MEANS :

Stop after you say 12.

Count by 2's.

15÷3

12 ÷ ?

THE CODE:

25÷5

18÷2

DO WHAT THE CODE SAYS

Count out loud. Each time you say a number, put out a finger. How many fingers do you need to use?

- 12÷2 2.15÷3
- 3. 25÷5 4. 18÷2
- 5. 80÷10 6. 45÷5
- 7. 16÷4 8. 27÷9





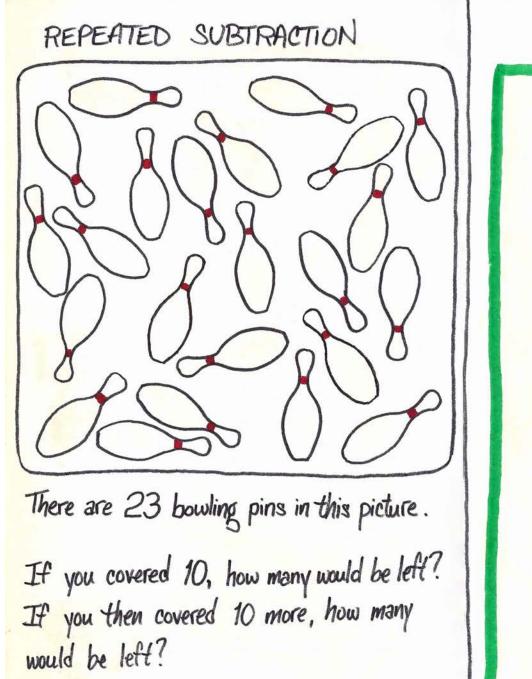
DIVISION WITH REMAINDERS

A REPEATED SUBTRACTION METHOD

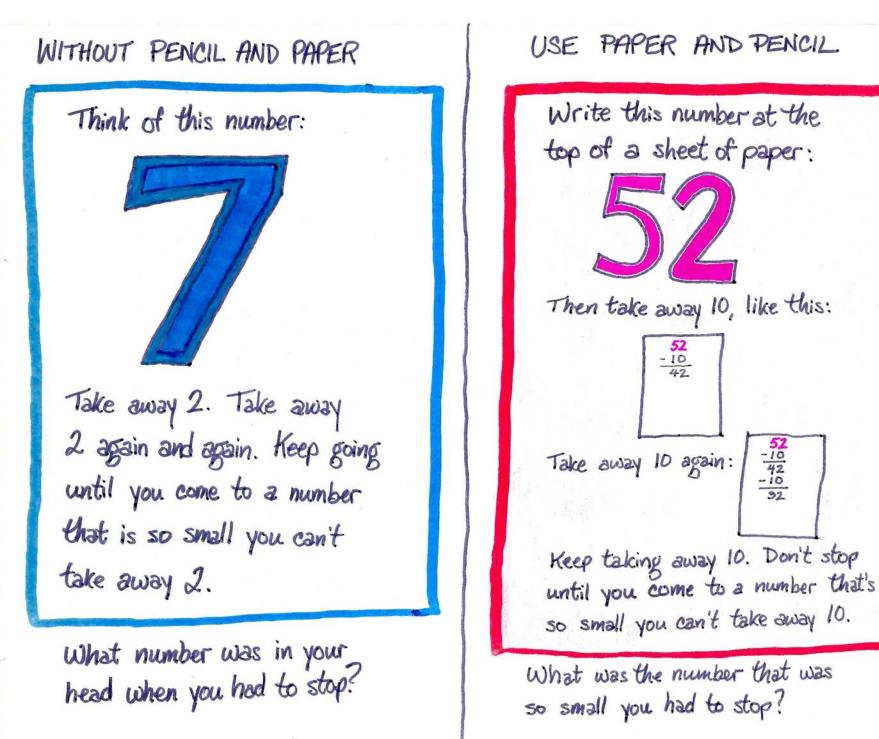
SUBTRACTION REVIEW

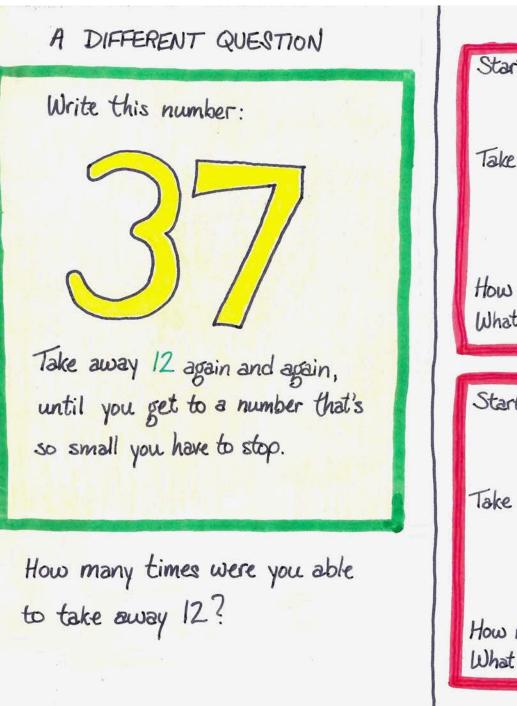
There are 25 horseshoes in this picture.

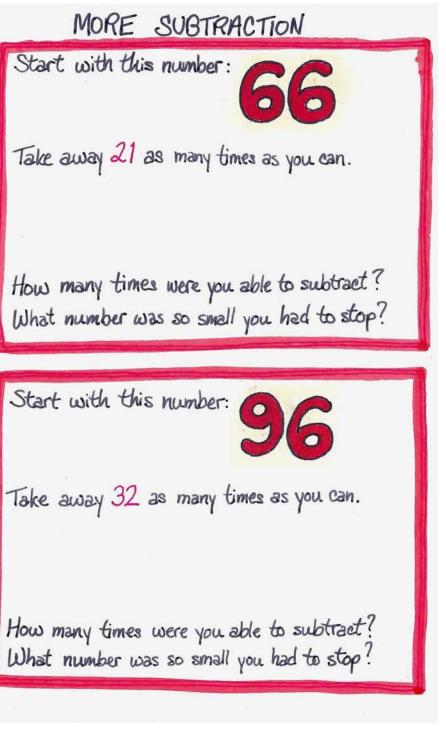
Use your hand to cover up 4 horseshoes. Can you guess how many horseshoes are left?



NUMBER PUZZLE A Try to do all of this in your head. Think of this number: Now take away 2. Take away 2 again. Take away 2 more. What number did you get?







THE CODE

Read what the first code means, then try to figure out what the other codes mean. (But don't do what the codes tell you to do — that's what the <u>next</u> page is all about.)

THE CODE:

20165

WHAT THE CODE MEANS: Start with 65. Take away 20 as many

times as you can.

12 49

413

3117

DO WHAT THE CODE SAYS

How many times can you subtract? What number is so small you have to stop?

1 20/65 2. 1249

3. 4/13 4. 3/17

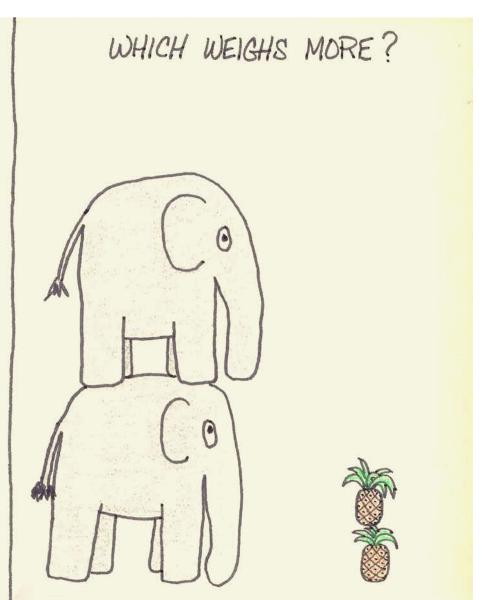
s. 11157 6. 5120

* 818 × 3098

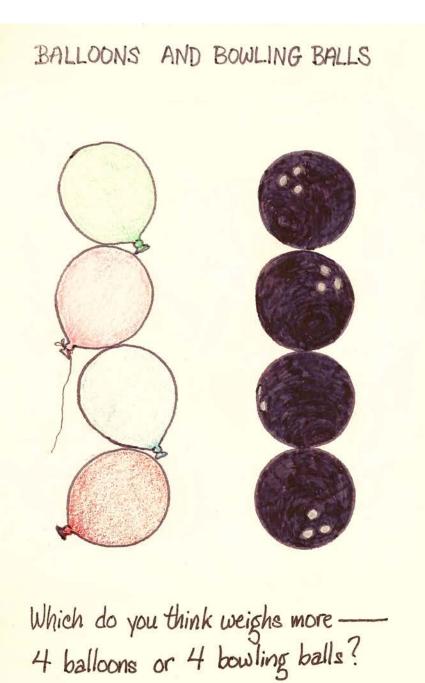


DIVISION WITHOUT REMAINDERS

A TRIAL-AND-ERROR METHOD USING MULTIPLICATION

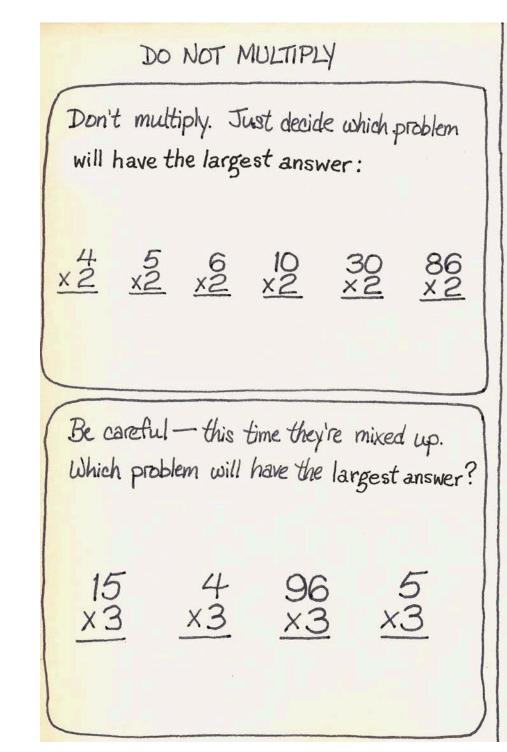


Which weighs more - 2 elephants or 2 pineapples?



	DO NI	A TC	fDD		4. ¹⁶
Don't a	add. Ju	ust de	ecide u	shich pi	roblem
will hav	ve the l	largest	E ansu	ver:	
+ <u>2</u> +	3 4	10	21	53	99
	3 <u>+4</u>	+ <u>10</u>	+21	+ <u>53</u>	+ <u>99</u>

				cide w answer	hich pro :	oblem
222	333	4 4 <u>+4</u>	10 10 +10	21 21 + <u>21</u>	53 53 + <u>53</u>	99 99 +99



PICK A NUMBER Pick a number - any number from 1 to 30. Write your number on a piece of paper. Then multiply your number by What answer did you get? Now try to do this page again. But this time, try to get a larger answer

than you got last time.

SMALLER

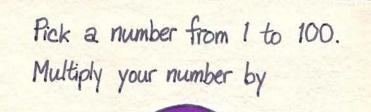
Pick a number - any number from 1 to 30. Write your number on a piece of paper. Then multiply your number by

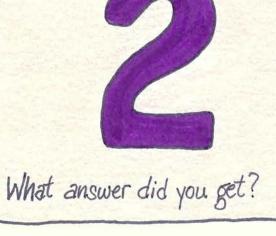


What answer did you get?

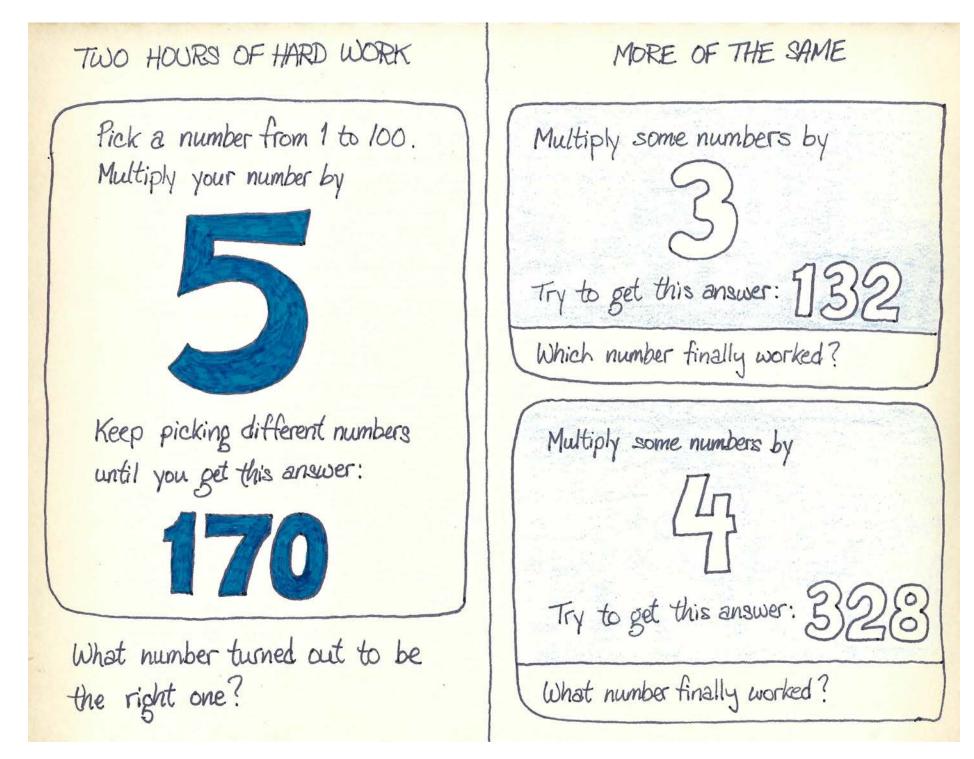
Now do this page again. This time, try to get a <u>smaller</u> answer than you got last time.

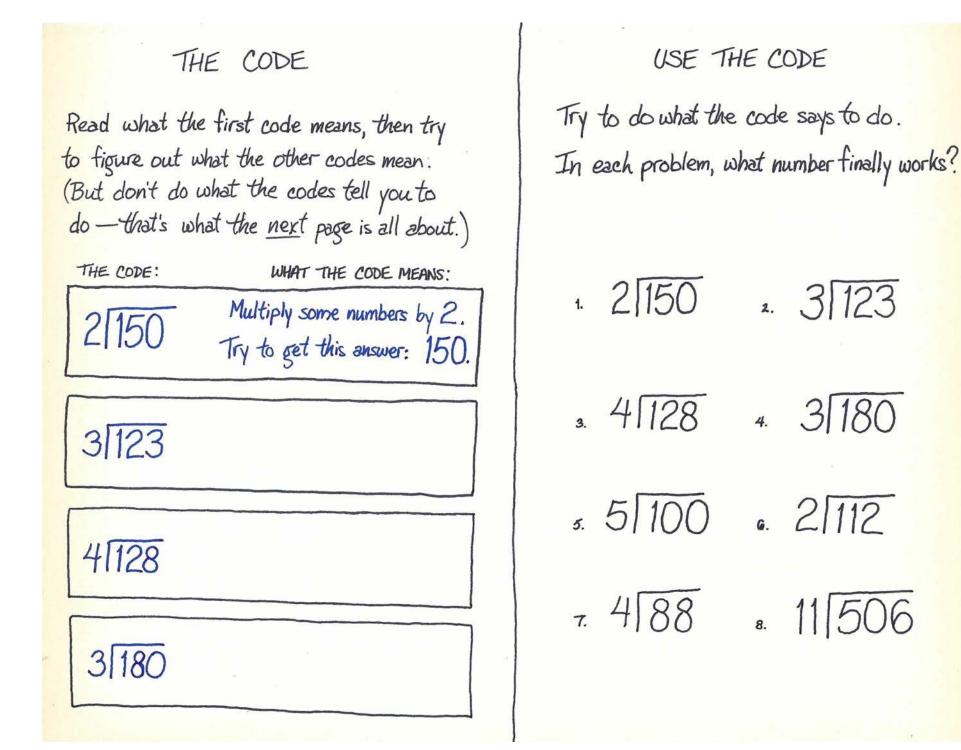
HOW TO SPEND A RAINY AFTERNOON





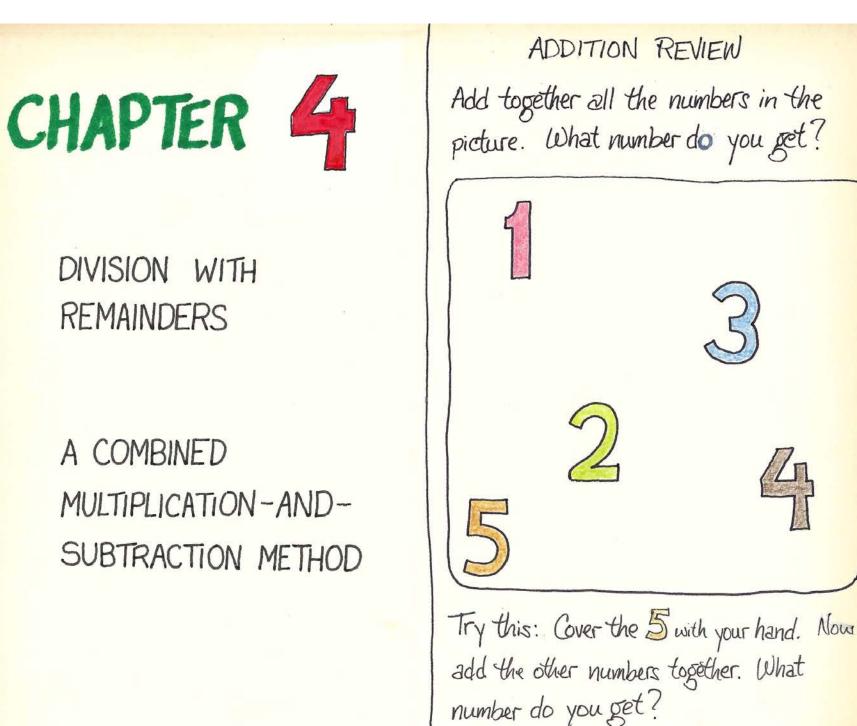
Do this page again and again until you get **130** as your answer. HERE'S A HINT: Before you pick a new number, try to decide if your <u>last</u> number was too large or too small.

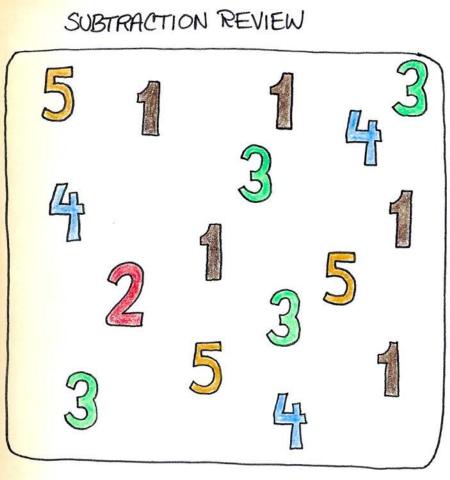




problem, what number finally works?

A DIFFERENT CODE	USE THE CODE		
Read what the first code means, then try to figure out what the other codes mean. (But don't do what the codes tell you to do - that's what the <u>mext</u> page is all about.)	Try to do what the code says to do. In each problem, what number finally work		
THE CODE:WHAT THE CODE MEANS:110÷2Multiply some numbers by 2.Try to get this answer: 110.	, 110÷2 = 102÷3		
102÷3	325÷5 4.190÷2		
325÷5	≈ 60÷4 ≈ 176÷2		
190÷2	7.682÷11 8.840÷20		



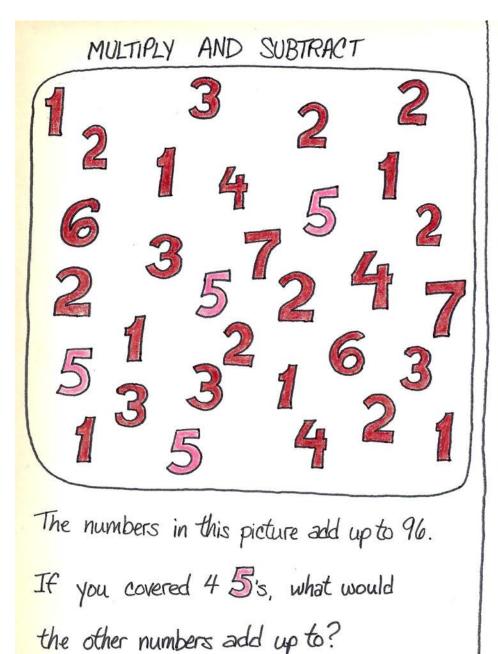


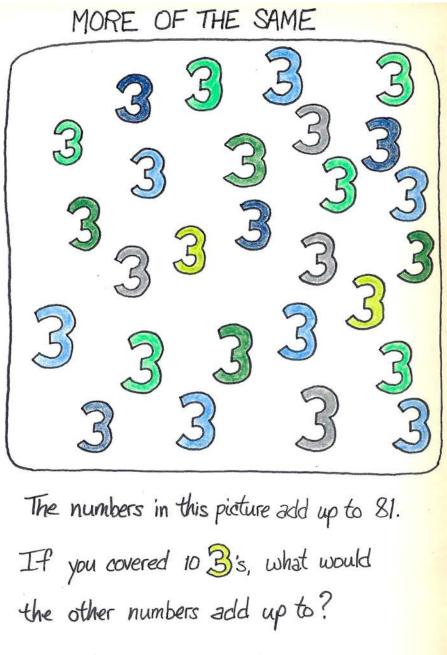
Please take our word for it—all the numbers in this picture add up to 46.

Cover the 22. Guess what you'd get if you added the other numbers together.

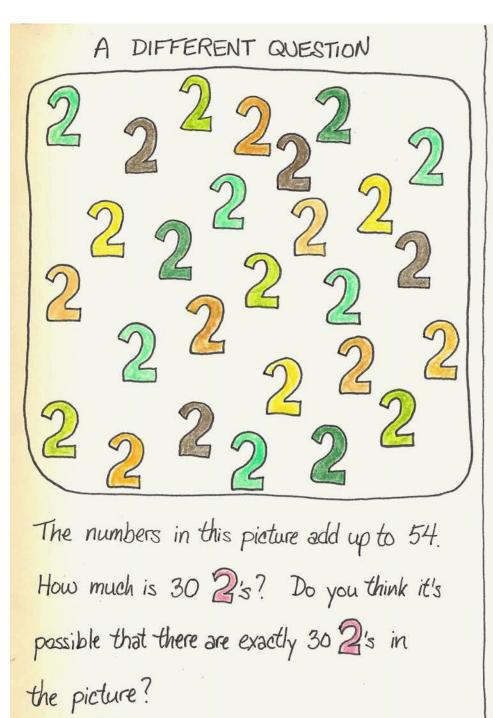
MULTIPLICATION REVIEW How much is 2 (6's? How much is 3 5's? How much is 10 3's? How much is 5 43:3? How much is 10 8's?

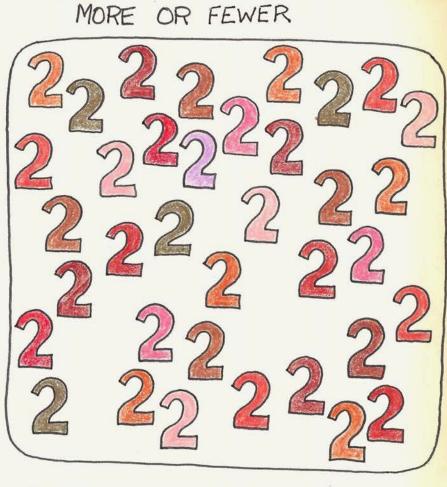
Adventures in Arithmetic



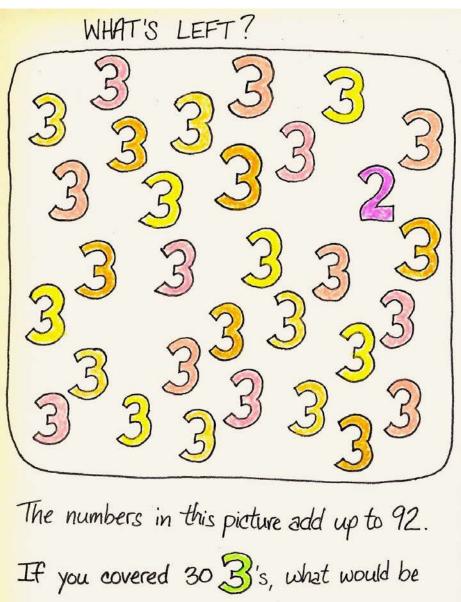


Adventures in Arithmetic





All the numbers in this picture add up to 72. How much is $40 \frac{2}{s}$? Do you think there are more than $40 \frac{2}{s}$ or fewer than $40 \frac{2}{s}$ s in the picture?



If you covered $30 \ 3's$, what would be left? Look carefully at the picture. See if you can find what would be left.

USE A SHEET OF PAPER

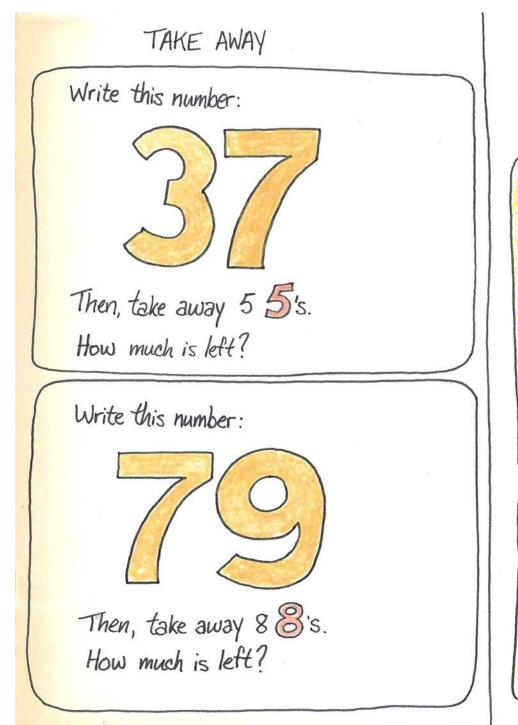
Write this number:



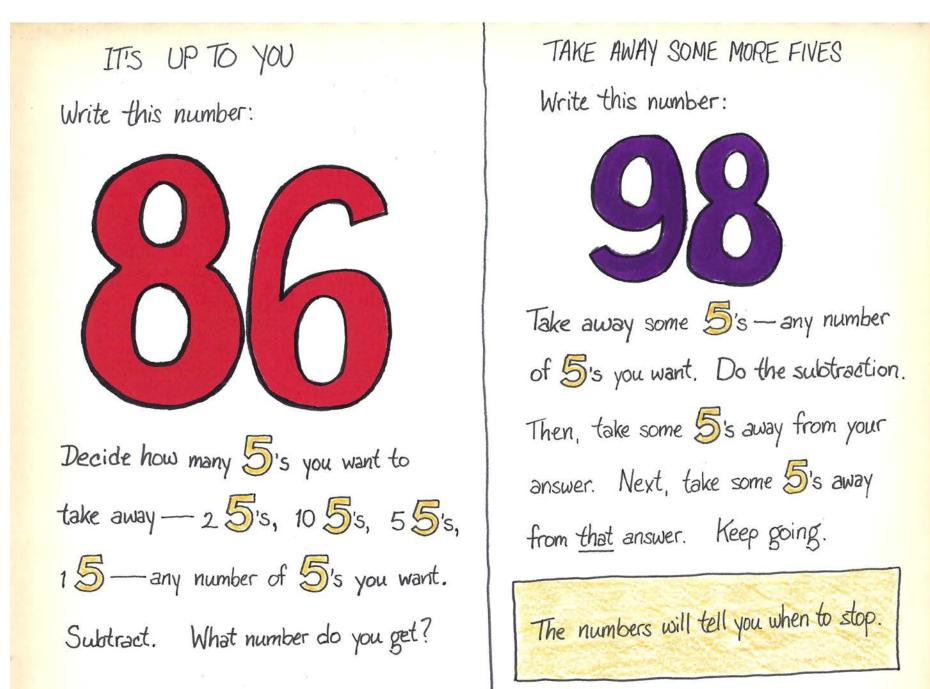
Then, put down your pencil and think. How much is 10 7/3?

Pick up your pencil and take away 10 77's from the 93.

What number did you get?



IS IT POSSIBLE? Here's something to think about: How much is 10 5's? Do you think it's possible to take 10 5's away from 42? Do you think it's possible to take 6 5's away from 42?



LEFT, RIGHT, LEFT, RIGHT Draw a line down the middle of a sheet of paper:

On the left side of the paper, write 78, and then take away some 2's.

On the right side of the paper, tell how many Z's you just took away.

On the left side, take some 2's away from your answer.

On the right side, tell how many 2's you took away. Keep going like this.

DON'T THROW YOUR PAPER AWAY!

וועטוו	VG II)	ALL UP	
look at the	- 5 - 12 - 13 - 13 - 13 - 13 - 13 - 13 - 13		1
ike this:	78-20 80 182 164 1210	10 20 1 7 1	

ADDING IT ALL ID

t

li

Remember that the numbers on the right-hand side of your paper tell how many Z's you took away. Add these numbers together.

Altogether, how many 2's did you take away?

TWO QUESTIONS Draw a line down the middle of a sheet of paper:

ON THE LEFT SIDE: Write 89, then take away some B's. Keep taking away B's.

ON THE RIGHT SIDE: Tell how many B's you took away.

When you're finished, answer these questions:

Altogether, how many 3's did you take away? On the left side of your paper, what was the number that was so small you had to stop? Draw a line down the middle of a sheet of paper:

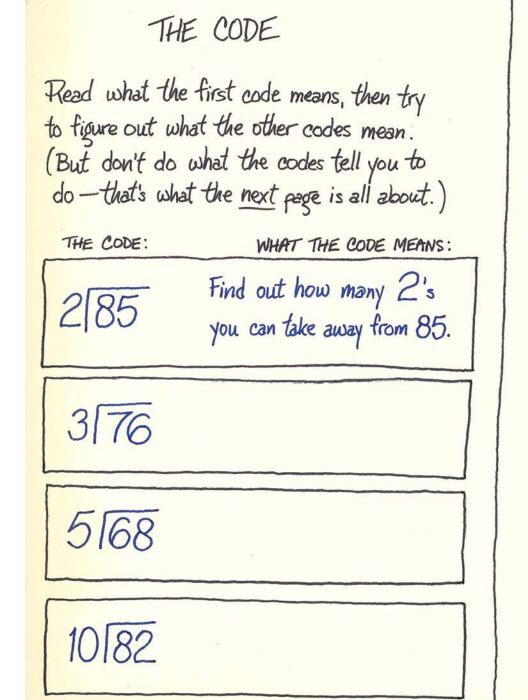
ONE MORE TIME

ON THE LEFT SIDE: Write 97, then take away some 41's. Keep taking away 47's.

ON THE RIGHT SIDE: Tell how many T's you took away.

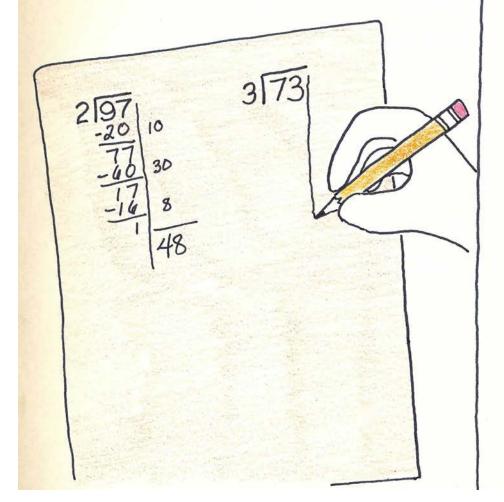
When you're finished, answer these questions:

Altogether, how many Pris did you take away? What was the number that was so small you had to stop subtracting?



USE THE CODE Try to do what the code tells you to do. Use a different sheet of paper for each problem: 1. 2185 2. 3176 3. 5/68 4. 10/82 \$ 8/100 6. 7/108 - 5/135 8. 11 159

TRY TO SAVE PAPER There are eight problems on the next page. Try to do all of them on just one piece of paper. (You can use both sides.)



ALL ON ONE PIECE OF PAPER Copy each problem. Draw a line. Then

try to do what the code says.

1. 2197 2. 3173

3. 10/432 + 10/573

5. 11/379 6. 11/775

7. 12/363 a 21/888

