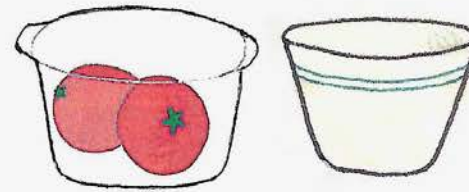


Chapter 1

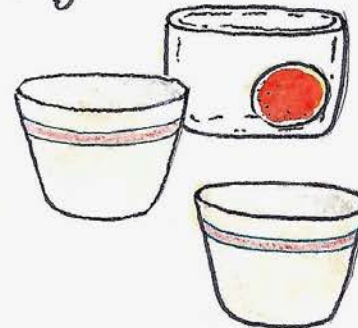
USE COMMON SENSE

Each bowl has the same number of tomatoes:



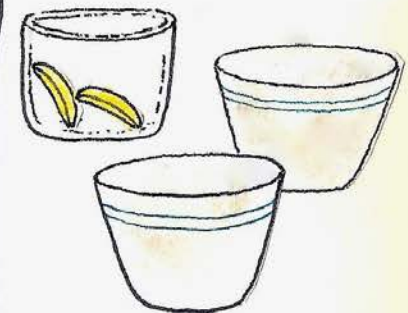
How many tomatoes are really in this picture?
(The tomatoes you can't see count.)

Each bowl has the same number of tangerines:



How many tangerines are really in this picture?

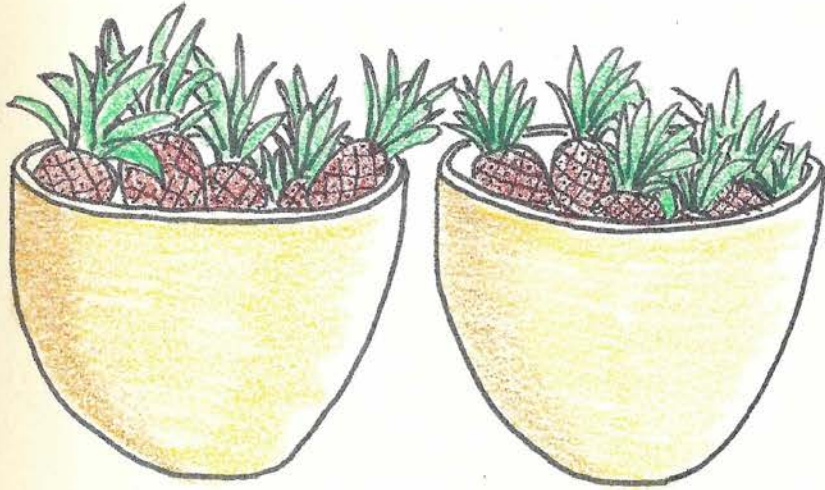
Each bowl has the same number of bananas:



How many bananas are really in this picture?

USE ADDITION

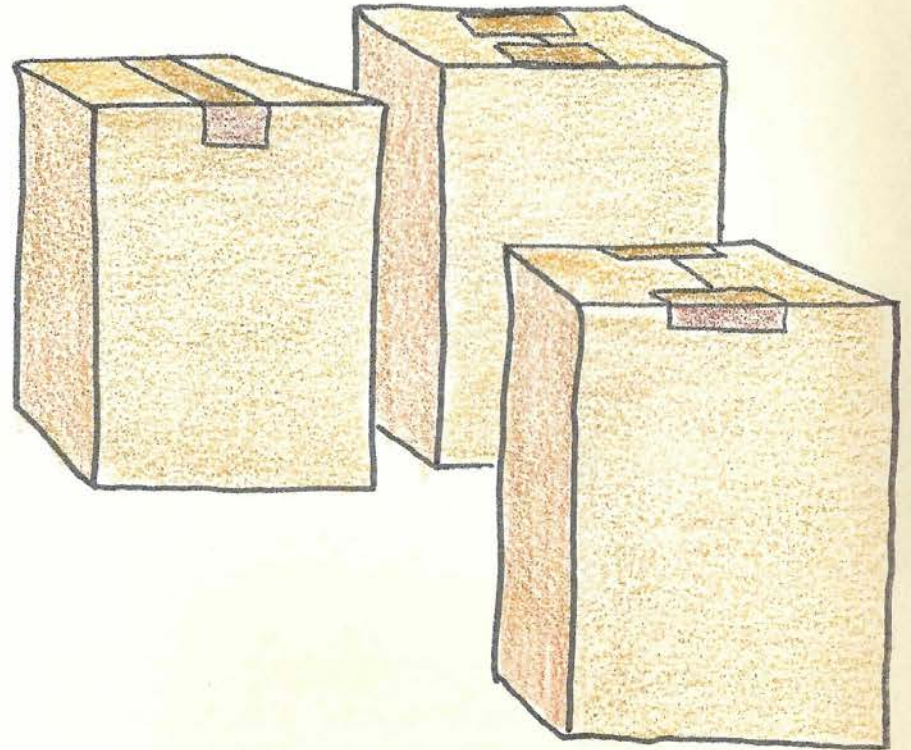
There are **10** pineapples inside
each bowl:



How many pineapples are really in
this picture?

ADD IN YOUR HEAD

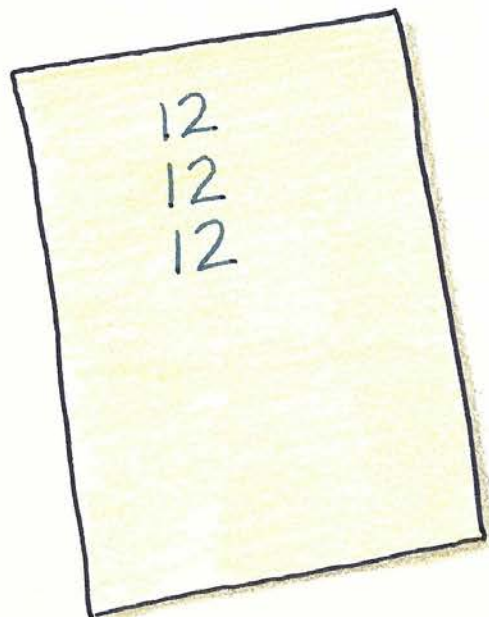
There are **100** pumpkins inside
each box:



How many pumpkins are in
this picture?

PENCIL AND PAPER

Write the number **12** on a sheet of paper 3 times, like this:



Then add the 12's together.
What number do you get?

MORE PENCIL AND PAPER

Write the number **11**
on your paper 5 times.

Then add. What number
do you get?

Write the number **20**
on your paper 4 times.

Then add. What number
do you get?

LEARN THE CODE

Look at the code. Then read the words:

IN CODE

IN WORDS

$$\begin{array}{r} 30 \\ \times 4 \\ \hline \end{array}$$

Write the number 30
on your paper 4 times.

Now try to guess what these mean:

1.
$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 21 \\ \times 6 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 25 \\ \times 3 \\ \hline \end{array}$$

USE THE CODE

Do what the code tells you to do.
Then add. What number do you get?

1.
$$\begin{array}{r} 30 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 32 \\ \times 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 10 \\ \times 5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 21 \\ \times 6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 25 \\ \times 3 \\ \hline \end{array}$$

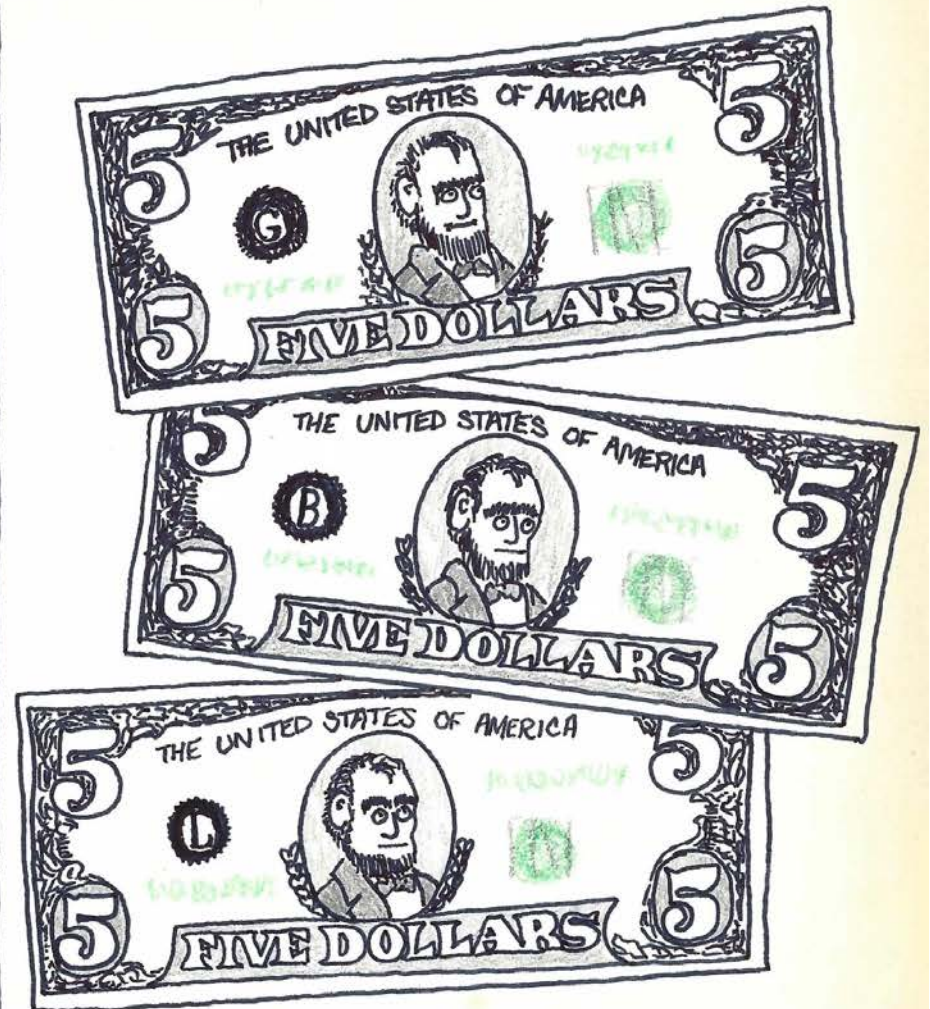
6.
$$\begin{array}{r} 11 \\ \times 7 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 22 \\ \times 3 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 100 \\ \times 6 \\ \hline \end{array}$$

Chapter 2

COUNTING BY FIVES



How much money is on this page?

MAKE YOUR OWN MONEY

Use slips of paper. Make 8 five-dollar bills:

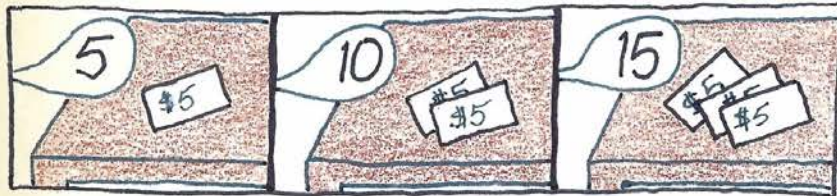


Hold all 8 slips of paper in your hand.



Then put them down on a table, one at a time. As you put them down, say these numbers:

5 10 15 20 25 30 35 40 45 50



Keep saying numbers and putting down slips until your hands are empty. Then stop. How much money is on the table?

USE THE MONEY YOU MADE

Take 6 five-dollar bills.



Put them down on a table, one at a time. Count the money as you go.

How much did you count?

Take 4 five-dollar bills.



Put them down on a table, one at a time. Count the money as you go.

How much did you count?

Take 7 five-dollar bills.



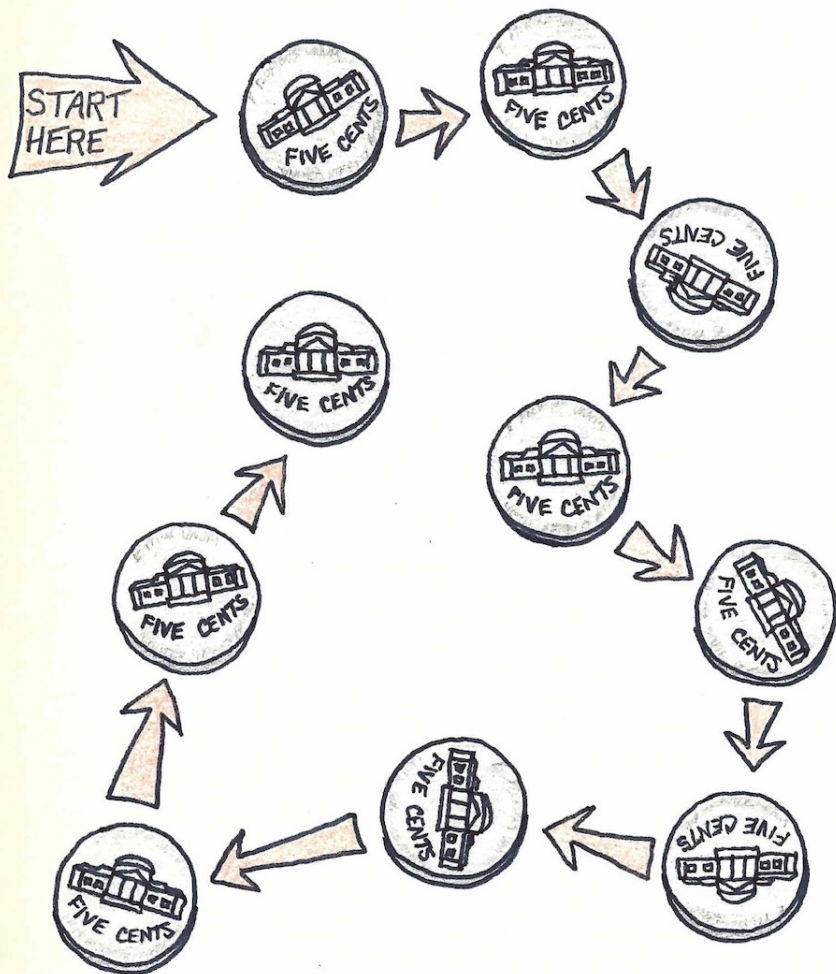
Put them down on a table, one at a time. Count the money as you go.

How much did you count?

NICKELS

Count by 5's: 5, 10, 15, 20...

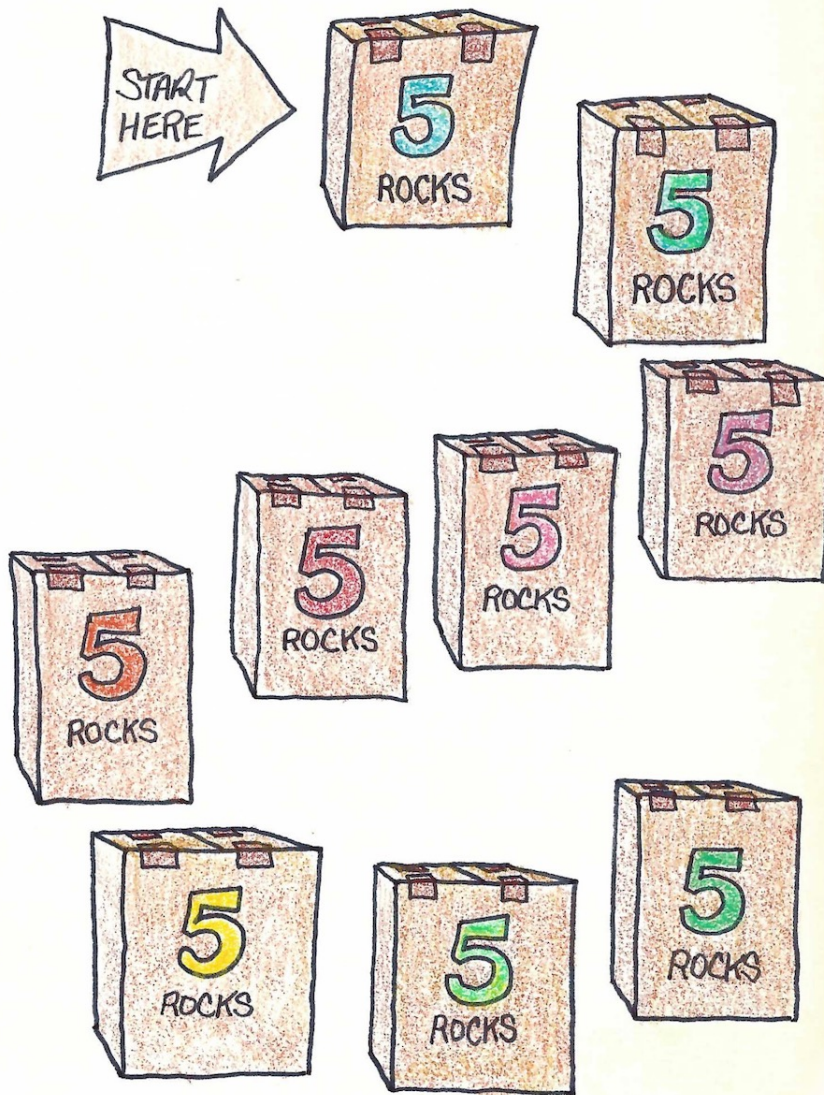
How much money is on this page?



A LOT OF FIVES

Count by 5's: 5, 10, 15, 20...

How many rocks are in this picture?



MORE COUNTING BY FIVES

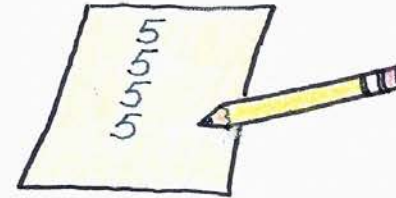
To do these addition problems, all you have to do is count by 5's: 5, 10, 15, 20...

What answers do you get?

$\begin{array}{r} + \\ \hline 5 \\ 5 \\ 5 \\ 5 \\ 5 \end{array}$	$\begin{array}{r} + \\ \hline 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \end{array}$	$\begin{array}{r} + \\ \hline 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \end{array}$
--	---	---

PENCIL AND PAPER

Write the number **5** on a sheet of paper 4 times, like this:



Then add the numbers together — all you have to do is count by 5's. What number do you get?

Write the number **5** on a sheet of paper 8 times. Then add the numbers together. What number do you get?

THE CODE

Look at the code. Then read the words:

IN CODE

IN WORDS

$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

Write the number 5
on your paper 7 times.

Now try to guess what these mean:

1.
$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

USE THE CODE

Do what the code tells you to do.

Then add. What number do you get?

1.
$$\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5 \\ \times 3 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 5 \\ \times 8 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5 \\ \times 6 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 5 \\ \times 10 \\ \hline \end{array}$$

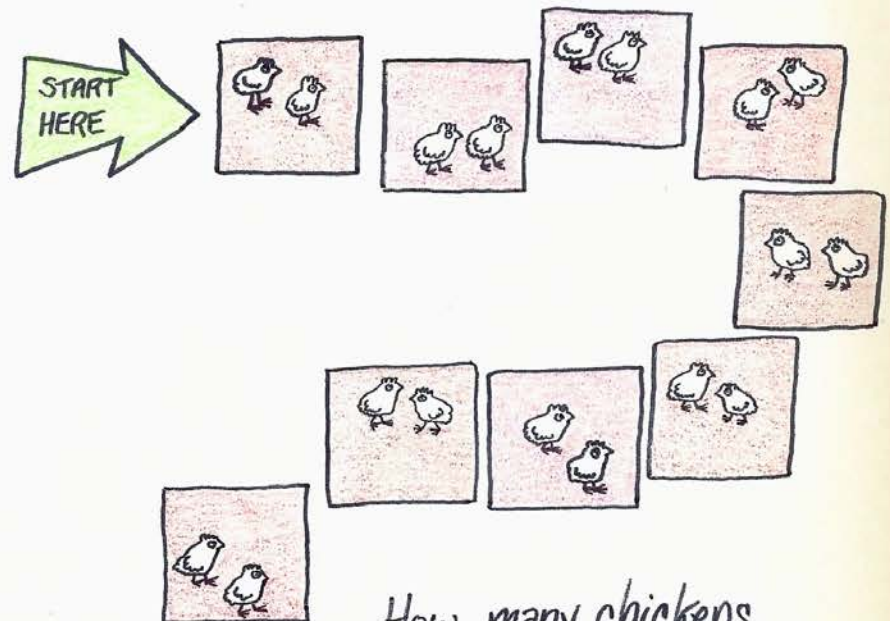
Chapter 3

HOW TO COUNT BY 2'S

Learn these numbers by heart:

2, 4, 6, 8, 10, 12, 14, 16, 18, 20

Say the numbers slowly. As you talk, touch these boxes, one at a time:

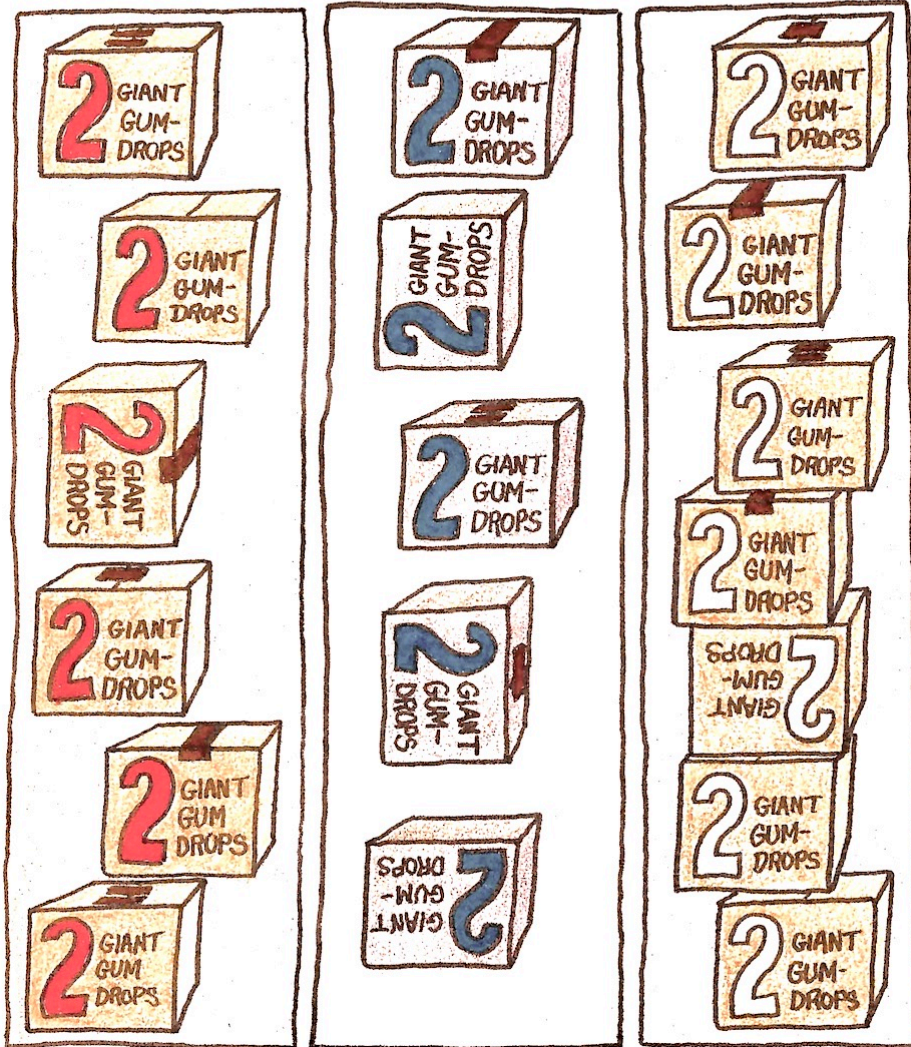


How many chickens are on this page?

GIANT GUMDROPS

Count by 2's: 2, 4, 6, 8...

How many gumdrops are in each picture?



MORE COUNTING BY 2'S

To do these addition problems, all you

have to do is count by 2's: 2, 4, 6, 8...

The image shows three vertical panels, each containing a series of the number 2. The first panel has 10 twos with a plus sign and a horizontal line below the last two. The second panel has 10 twos with a plus sign and a horizontal line below the last two. The third panel has 10 twos with a plus sign and a horizontal line below the last two.

THE CODE

Look at the code. Then read the words:

IN CODE

IN WORDS

$$\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

Write the number 2
on your paper 6 times.

Now try to guess what these mean:

$$1. \begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$2. \begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$3. \begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$4. \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

Do what the code tells you to do.

Then add. What number do you get?

$$1. \begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$$

$$2. \begin{array}{r} 2 \\ \times 4 \\ \hline \end{array}$$

$$3. \begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$$

$$4. \begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$$

$$5. \begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

$$6. \begin{array}{r} 2 \\ \times 9 \\ \hline \end{array}$$

$$7. \begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

$$8. \begin{array}{r} 2 \\ \times 10 \\ \hline \end{array}$$

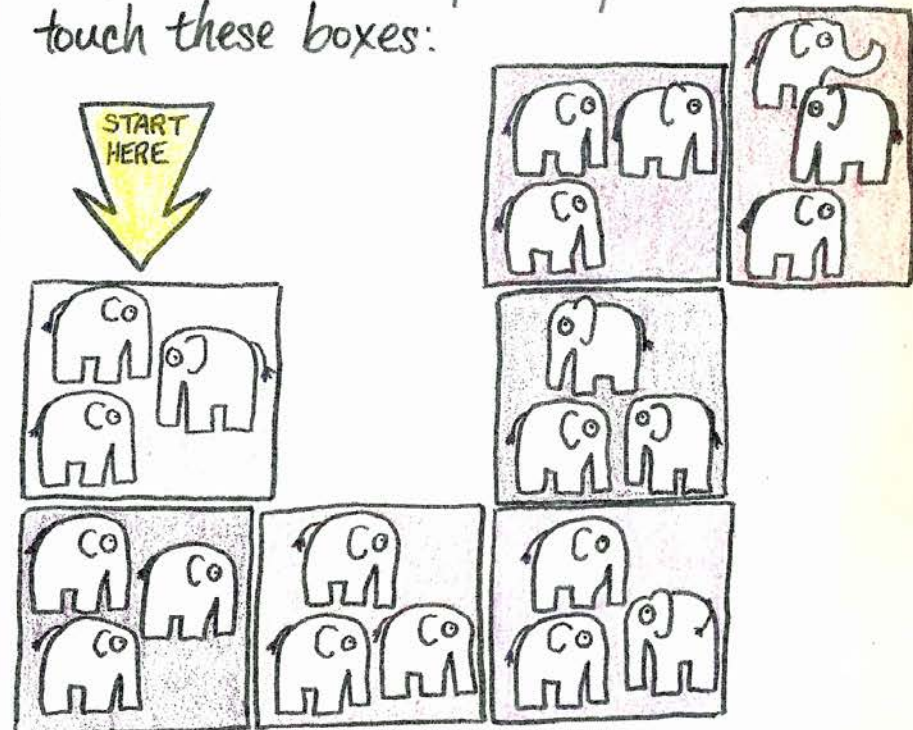
Chapter 4

HOW TO COUNT BY 3's

Look at these numbers until you can say them all by heart:

3, 6, 9, 12, 15, 18, 21, 24, 27, 30

Say the numbers slowly. As you talk, touch these boxes:

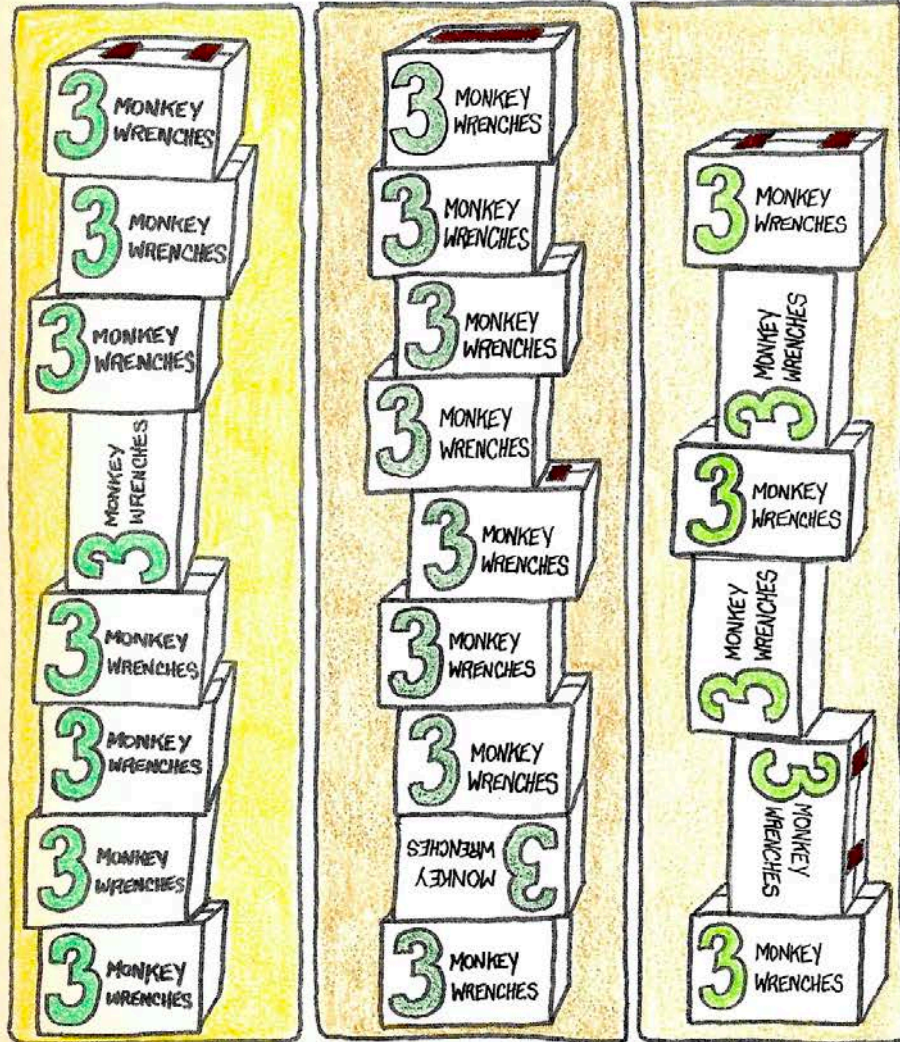


How many elephants are on this page?

MONKEY WRENCHES

Count by 3's: 3, 6, 9, 12...

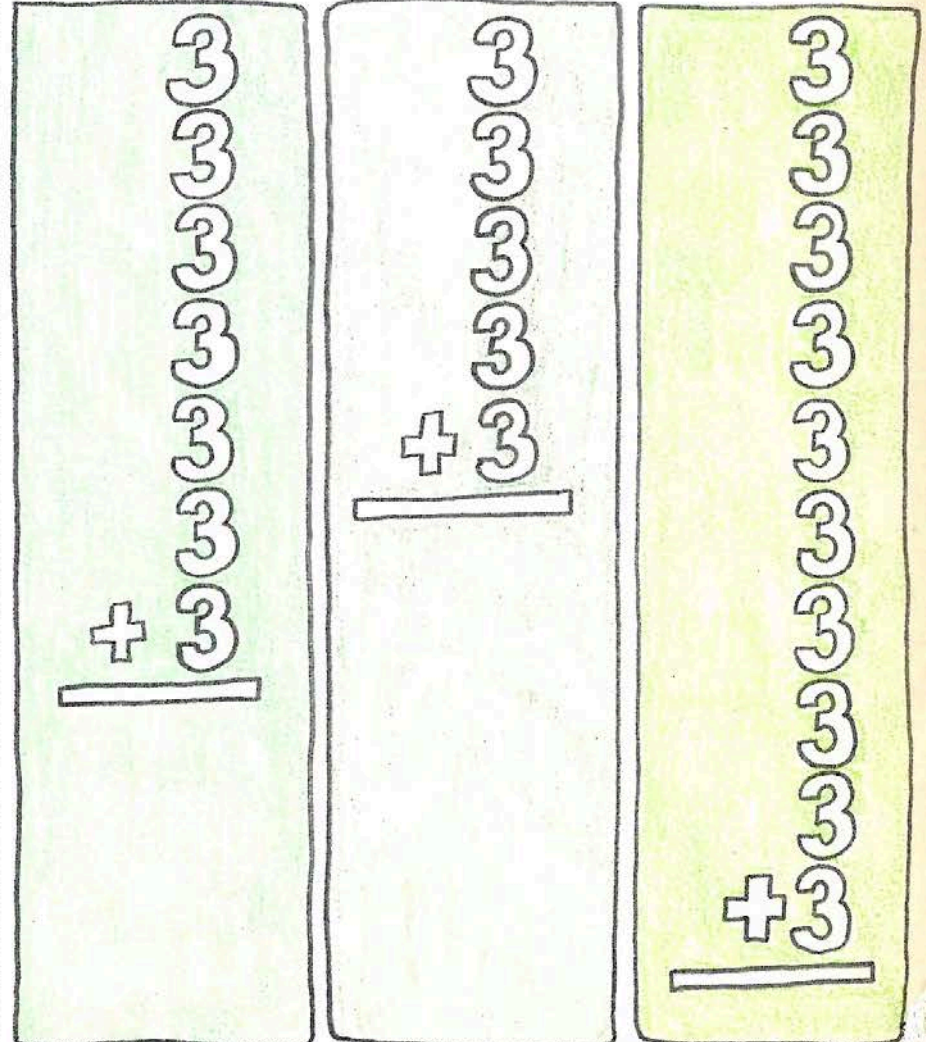
How many monkey wrenches are in each picture?



MORE COUNTING BY 3'S

To do these addition problems, all you

have to do is count by 3's: 3, 6, 9, 12...



THE CODE

Look at the code. Then read the words:

IN CODE

$$\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

IN WORDS

Write the number 3
on your paper 5 times.

Now guess what these mean:

$$1. \begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$2. \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$3. \begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$4. \begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

USE THE CODE

Do what the code tells you to do.

Then add. What number do you get?

$$1. \begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$$

$$2. \begin{array}{r} 3 \\ \times 7 \\ \hline \end{array}$$

$$3. \begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

$$4. \begin{array}{r} 3 \\ \times 9 \\ \hline \end{array}$$

$$5. \begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

$$6. \begin{array}{r} 3 \\ \times 8 \\ \hline \end{array}$$

$$7. \begin{array}{r} 3 \\ \times 4 \\ \hline \end{array}$$

$$8. \begin{array}{r} 3 \\ \times 10 \\ \hline \end{array}$$

Chapter 5

DO NOT USE PENCIL AND PAPER

Look at this problem:

$$\begin{array}{r} 52 \\ 52 \\ 52 \\ + 52 \\ \hline \end{array}$$

First add the 2's together — just count by 2's: 2, 4, 6...

Then add the 5's together — just count by 5's: 5, 10, 15...

USE SKIP COUNTING

$$\begin{array}{r} 43 \\ 43 \\ + 43 \\ \hline \end{array}$$

First add the 3's together—just count by 3's.

Then add the 4's together—just count by 4's.

$$\begin{array}{r} 32 \\ 32 \\ 32 \\ + 32 \\ \hline \end{array}$$

First count by 2's.

Then count by 3's.

PENCIL AND PAPER

Copy this problem on a sheet of paper:

$$\begin{array}{r} 52 \\ 52 \\ 52 \\ 52 \\ 52 \\ 52 \\ + 52 \\ \hline \end{array}$$

Add the 2's together—just count by 2's: 2, 4, 6, 8...

Write down the **4**. Remember the **1**.

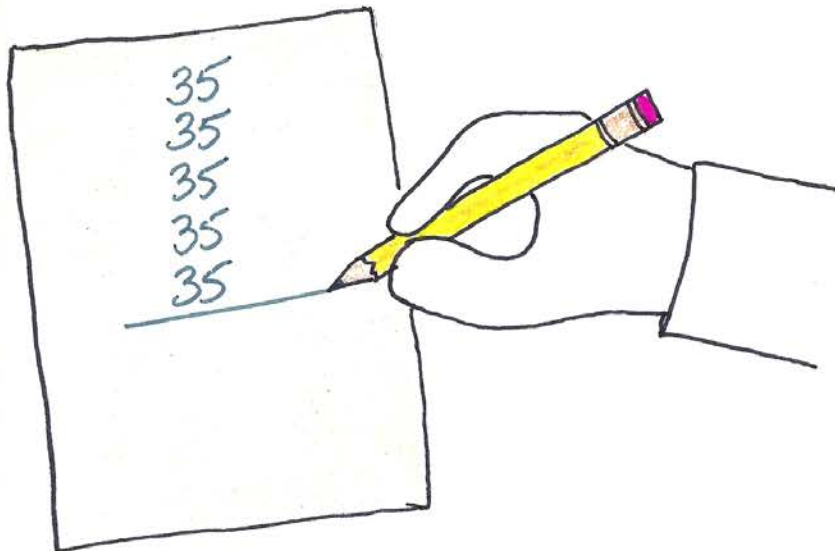
Then add the 5's together—just count by 5's: 5, 10, 15, 20...

Add the **1** to your answer.

What number do you get?

MORE SKIP COUNTING

Write the number **35** on a sheet of paper 5 times like this:



Add the 5's together — 5, 10, 15...

Write down the **5**. Remember the **2**.

Then add the 3's together — 3, 6, 9...

Add the **2** to your answer.

What number do you get?

NOW TRY THESE

Write the number **51** on your paper 10 times.

Then add. What number do you get?

Write the number **23** on your paper 5 times.

Then add. What number do you get?

THE CODE

Look at the code. Then read the words:

IN CODE

$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

IN WORDS

Write the number 45
on your paper 4 times.

Now guess what these mean:

1.
$$\begin{array}{r} 22 \\ \times 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 34 \\ \times 4 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 53 \\ \times 6 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 55 \\ \times 6 \\ \hline \end{array}$$

USE THE CODE

Do what the code tells you to do.
Then add. What number do you get?

1.
$$\begin{array}{r} 45 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 22 \\ \times 7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 34 \\ \times 4 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 53 \\ \times 6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 55 \\ \times 6 \\ \hline \end{array}$$

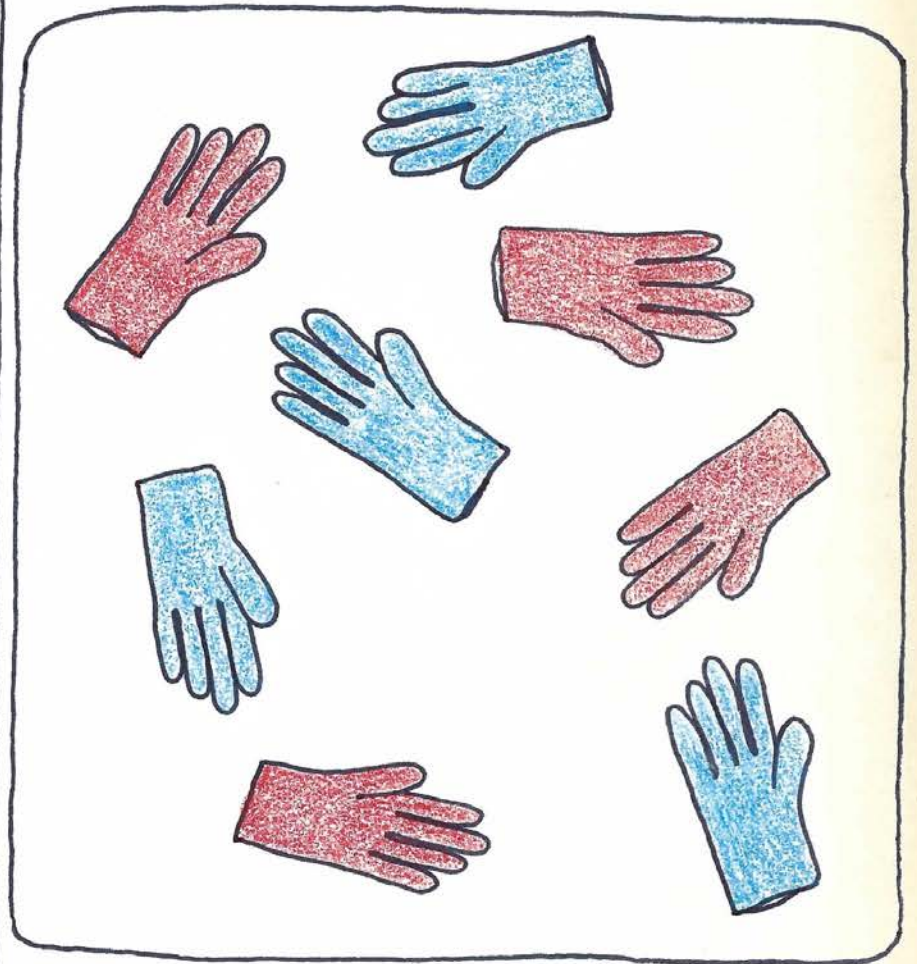
6.
$$\begin{array}{r} 56 \\ \times 3 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 31 \\ \times 10 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 25 \\ \times 10 \\ \hline \end{array}$$

Chapter 6

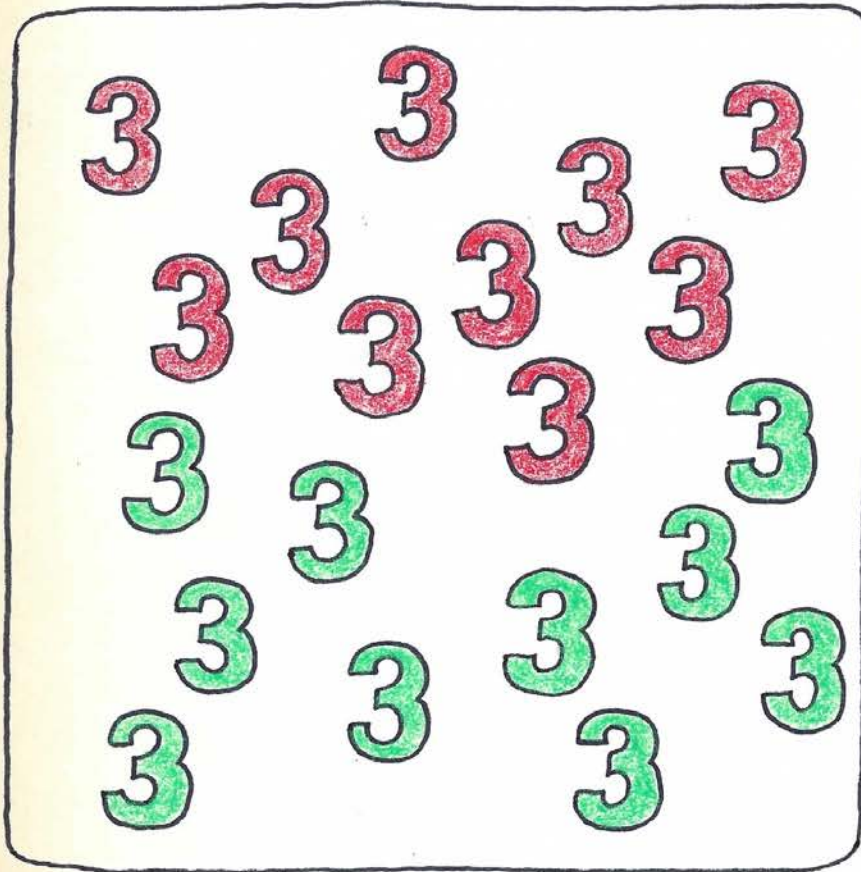
GLOVES



How many fingers are red? How many fingers are blue? Altogether, how many fingers are in the picture?

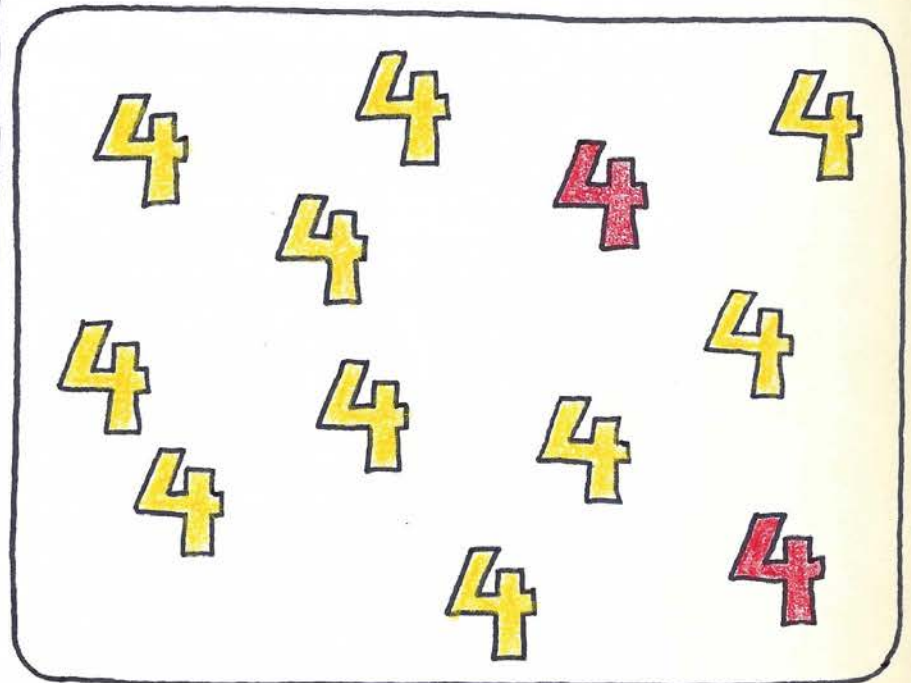
THREES

Altogether, the red **3**'s add up to 30. The green **3**'s also add up to 30. Guess what you'd get if you added all the **3**'s together.



FOURS

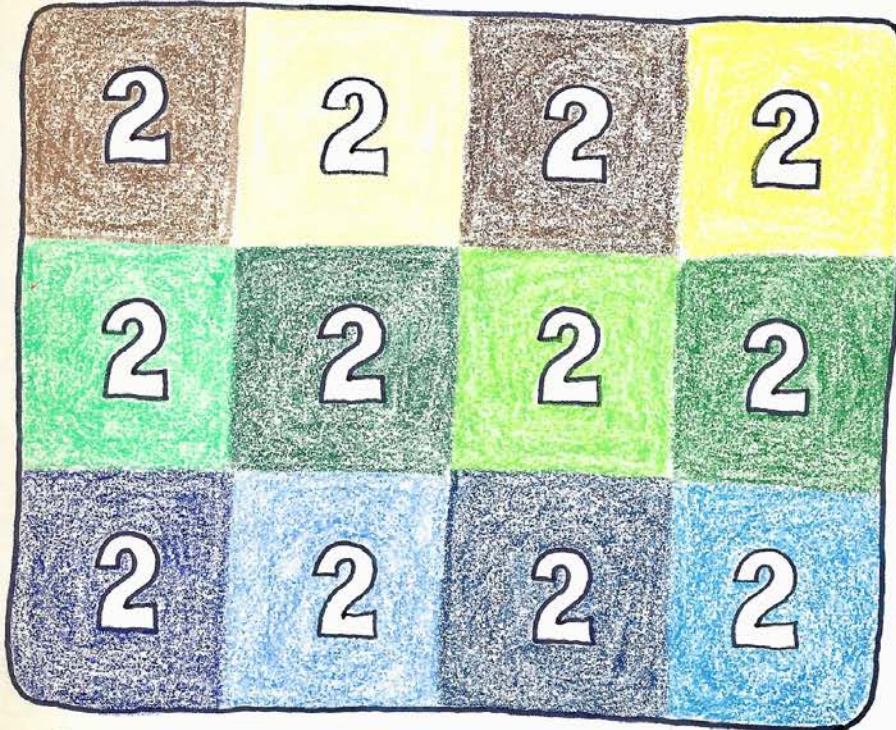
Find the red **4**'s in this picture. Add them together. What do you get?



The yellow **4**'s alone add up to 40. Guess what you'd get if you added all the **4**'s together.

TWOS

How many **2**'s are in this picture? —
Count them:



Pay no attention to the first 10 **2**'s you counted — just add the rest of the **2**'s together. What number do you get?

FIVES

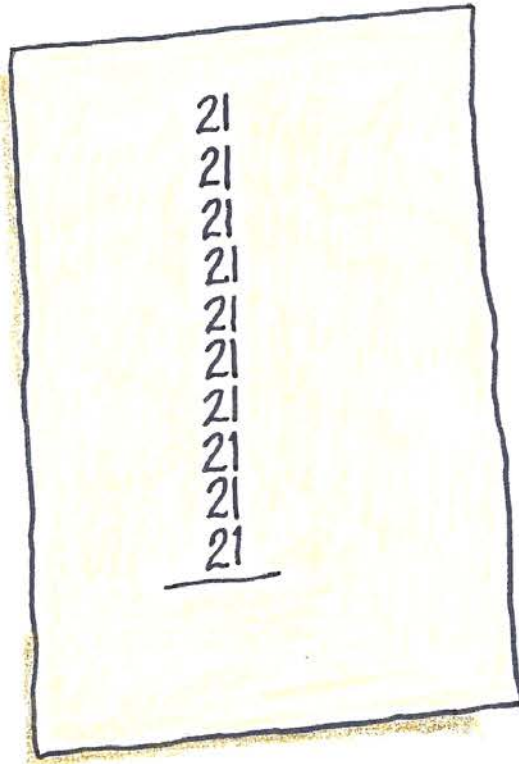
How many **5**'s are in this picture? —
Count them:



The first 10 **5**'s add up to 50. What do the rest of the **5**'s add up to? Guess what you'd get if you added all the **5**'s together.

ADDITION PRACTICE

Write the number **21** on a sheet of paper ten times, just like this:



Then add all the **21**'s together.
What number do you get?

HOW WELL CAN YOU ADD?

Pick one of the blue numbers. Write it on a sheet of paper ten times, then add. (The small red number is the correct answer.)

	1 10	2 20	3 30	4 40	5 50	6 60	7 70	8 80	9 90
10 100	11 110	12 120	13 130	14 140	15 150	16 160	17 170	18 180	19 190
20 200	21 210	22 220	23 230	24 240	25 250	26 260	27 270	28 280	29 290
30 300	31 310	32 320	33 330	34 340	35 350	36 360	37 370	38 380	39 390
40 400	41 410	42 420	43 430	44 440	45 450	46 460	47 470	48 480	49 490
50 500	51 510	52 520	53 530	54 540	55 550	56 560	57 570	58 580	59 590
60 600	61 610	62 620	63 630	64 640	65 650	66 660	67 670	68 680	69 690
70 700	71 710	72 720	73 730	74 740	75 750	76 760	77 770	78 780	79 790
80 800	81 810	82 820	83 830	84 840	85 850	86 860	87 870	88 880	89 890
90 900	91 910	92 920	93 930	94 940	95 950	96 960	97 970	98 980	99 990

Look at all the numbers on this page.
Try to learn by heart the answer that goes with each blue number.

TRY TO REMEMBER

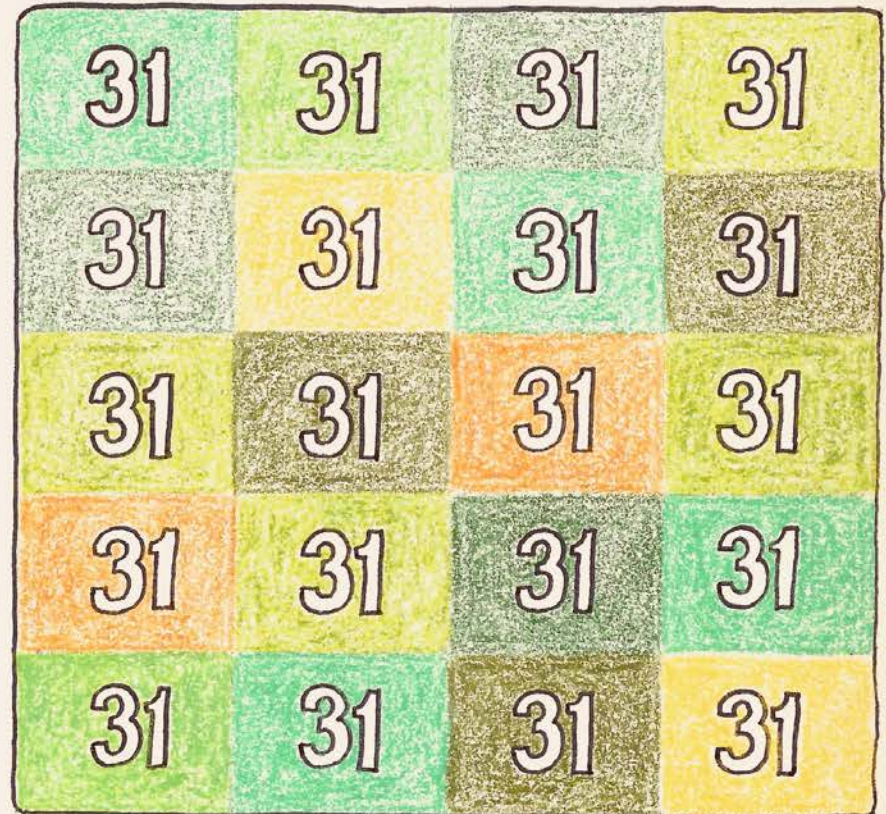
If you wrote each number below ten times and then added, what answers would you get?

(Just try to remember the answers you learned by heart on the last page.)

- | | | | |
|--------|--------|--------|--------|
| 1. 46 | 2. 28 | 3. 57 | 4. 32 |
| 5. 51 | 6. 99 | 7. 42 | 8. 75 |
| 9. 47 | 10. 5 | 11. 86 | 12. 53 |
| 13. 66 | 14. 95 | 15. 48 | 16. 36 |
| 17. 29 | 18. 50 | 19. 96 | 20. 44 |
| 21. 7 | 22. 43 | 23. 34 | 24. 90 |
| 25. 35 | 26. 87 | 27. 52 | 28. 65 |
| 29. 60 | 30. 16 | 31. 73 | 32. 41 |

A LOT OF THIRTY-ONES

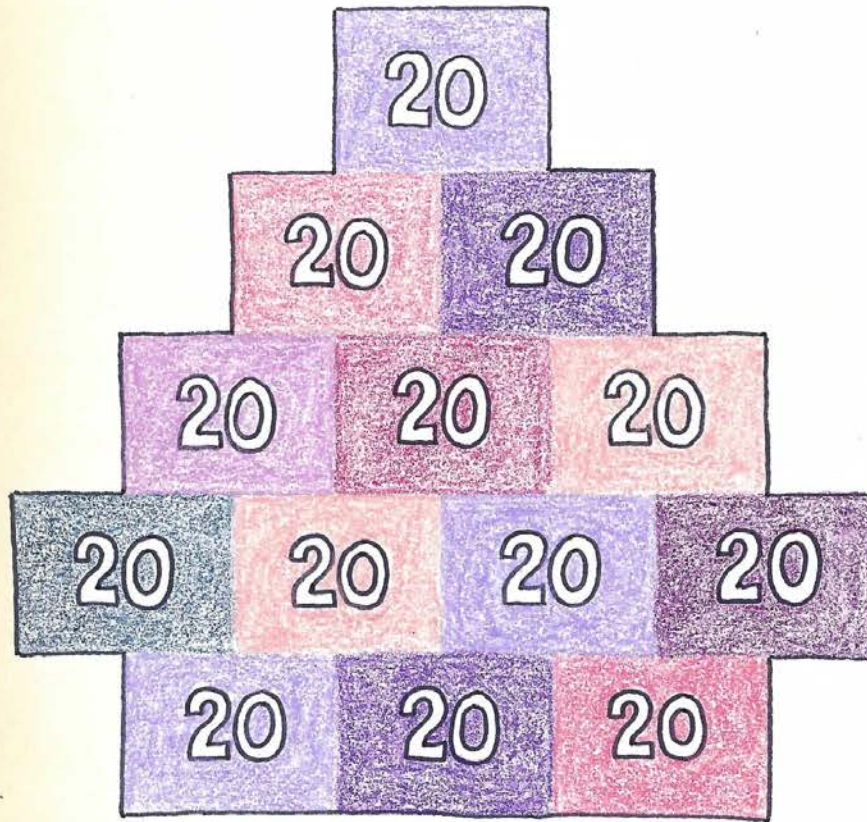
How many **31**'s are in this picture?



Guess what you'd get if you added the first ten **31**'s together. What would the other ten **31**'s add up to? What would you get if you added all the **31**'s together?

THE TWENTIES

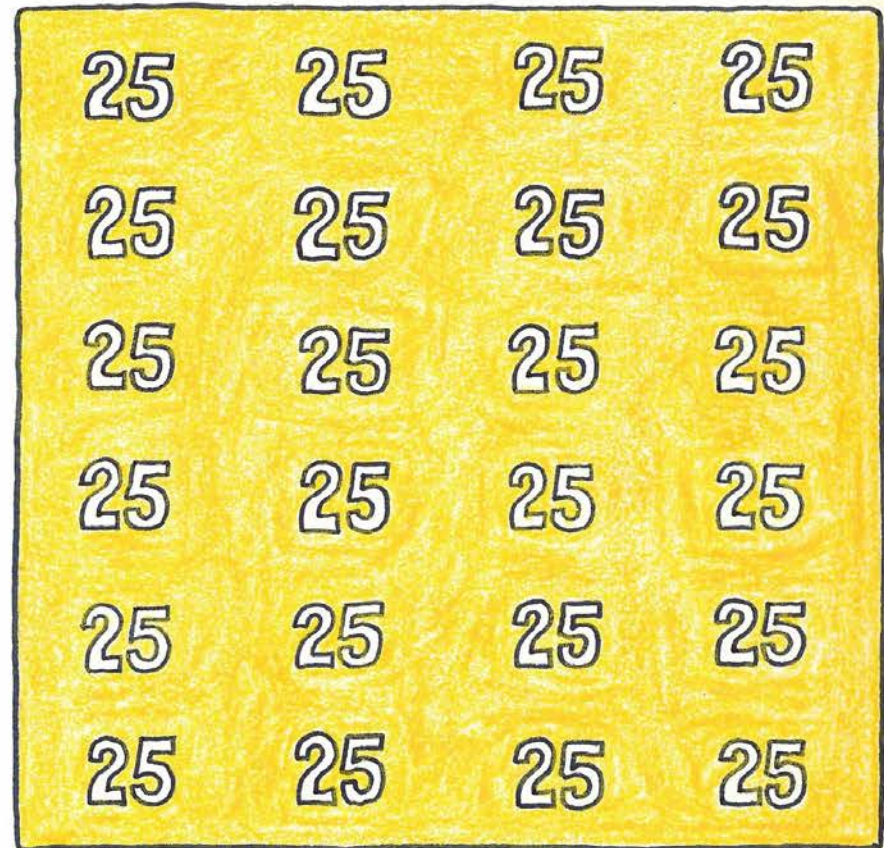
How many **20**'s are in this picture?



Guess what you'd get if you added the first ten **20**'s together. What would the rest of the **20**'s add up to? What would you get if you added all the **20**'s together?

TWENTY-FIVES

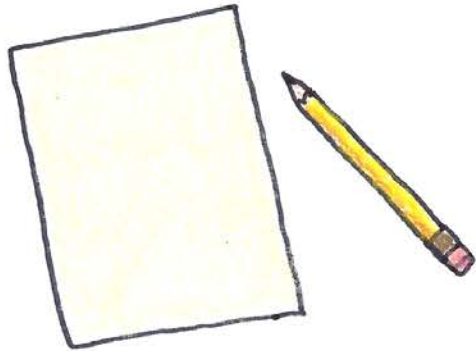
How many **25**'s are in this picture?



What would the first ten **25**'s add up to? What would the next ten **25**'s add up to? How about the last four **25**'s? What would you get if you added them all together?

THIRTY-TWOS

Close your eyes and try to think of a picture of ten red **32**'s. What would you get if you added them all together? Write your answer on a sheet of paper.



Now try to think of ten blue **32**'s. What would you get if you added the blue **32**'s together? — Write your answer just below the number you wrote a few minutes ago.

Now add your two answers together. What number do you get?

MORE PENCIL AND PAPER

Write the number **52** on a sheet of paper 4 times. Then add the **52**'s together. What answer do you get?

What number would you get if you added ten red **52**'s together? Write down your answer.

What number would you get if you added ten green **52**'s together? Write down your answer.

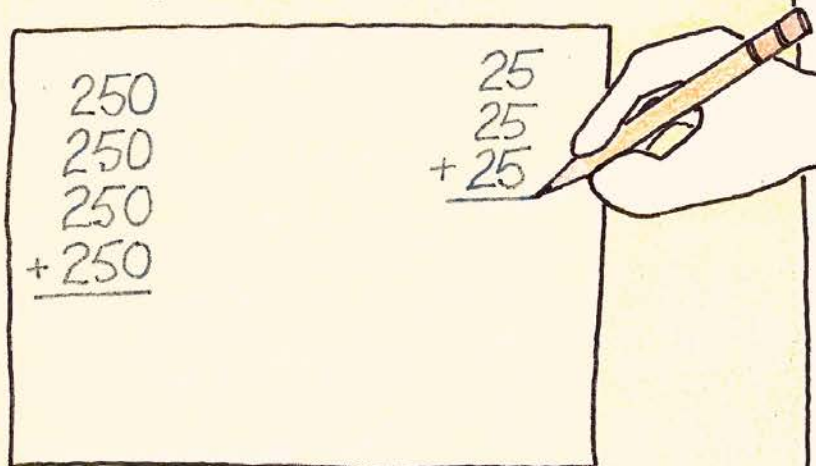
Now add your three answers together. What number do you get?

43 TWENTY-FIVES

Write the number **250** on a sheet of paper 4 times.

On the same paper, write **25**

3 times just like this:



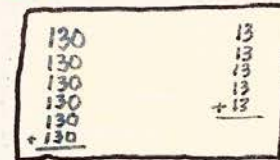
Do the addition. What answers do you get?

Now add your 2 answers together. What number do you get?

MORE ADDITION PROBLEMS

Write the number **130** on a sheet of paper 6 times.

Write **13** 5 times:



Do the addition. What answers do you get?

Now add your 2 answers together.

What number do you get?

Write the number **550** on a sheet of paper 3 times.

Write the number **55** 4 times.

Do the addition. Then add your 2 answers together. What number do you get?

LEARN THE CODE

Look at the code. Then read the words:

IN CODE

$$\begin{array}{r} 15 \\ \times 43 \\ \hline \end{array}$$

IN WORDS

Write **150** 4 times.

Write **15** 3 times.

Now try to guess what these mean:

1.
$$\begin{array}{r} 52 \\ \times 36 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 35 \\ \times 24 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 54 \\ \times 30 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 32 \\ \times 45 \\ \hline \end{array}$$

DO WHAT THE CODE SAYS

Use a different sheet of paper for each problem.

Do the addition. Then add the 2 answers together.

1.
$$\begin{array}{r} 15 \\ \times 43 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 52 \\ \times 36 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 35 \\ \times 24 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 54 \\ \times 30 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 32 \\ \times 45 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 45 \\ \times 63 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 21 \\ \times 33 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 63 \\ \times 25 \\ \hline \end{array}$$

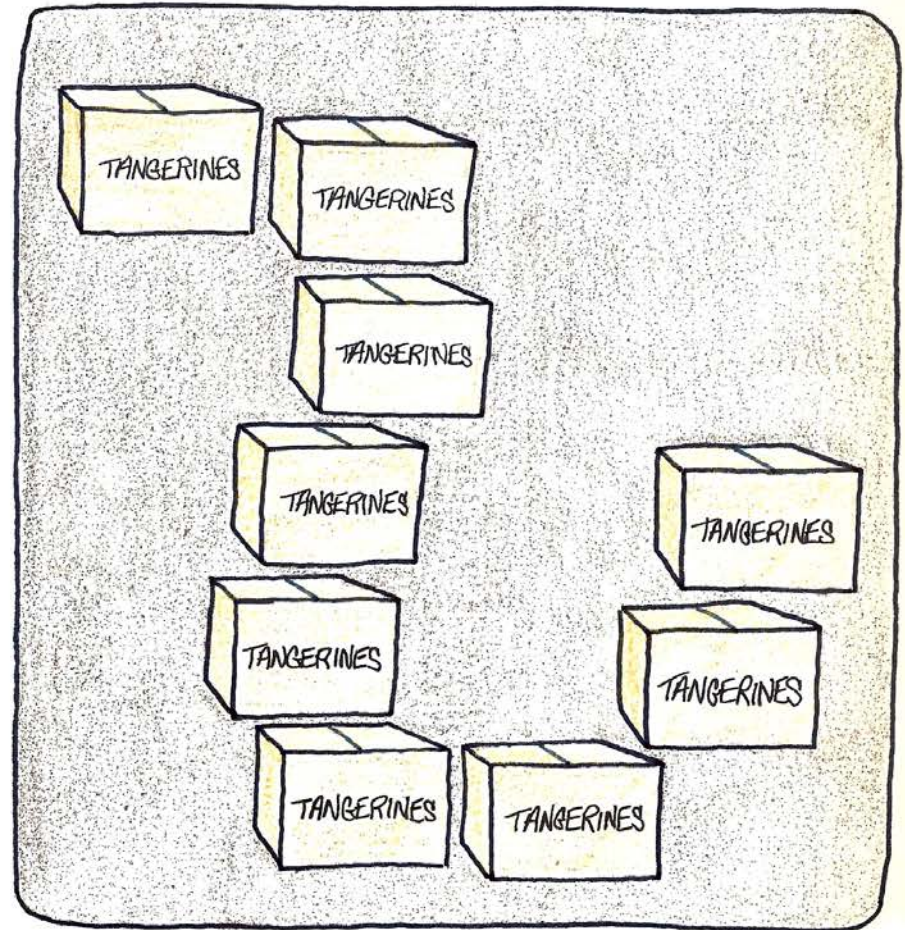
Chapter 7

REMEMBER SKIP COUNTING

There are 5 tangerines inside each box.

Count by 5's: 5, 10, 15, 20...

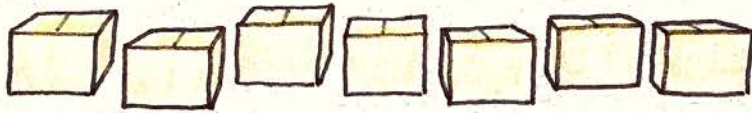
How many tangerines are in this picture?



MORE SKIP COUNTING

There are 2 cabbages in each box.

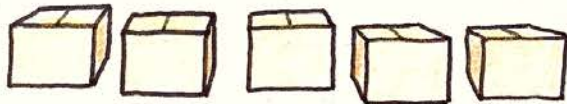
Count by 2's: 2, 4, 6...



How many cabbages?

There are 3 carrots in each box.

Count by 3's: 3, 6, 9...



How many carrots?

There are 7 cucumbers in each box.

Count by 7's: 7, 14, 21...

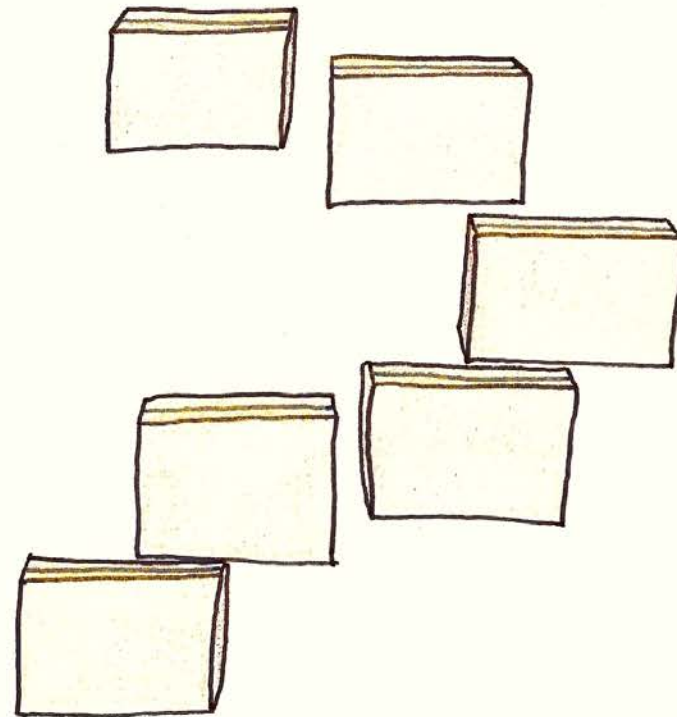


How many cucumbers?

TURNIPS AND BANANAS

There are 4 turnips in each box.

How many turnips are in this picture?

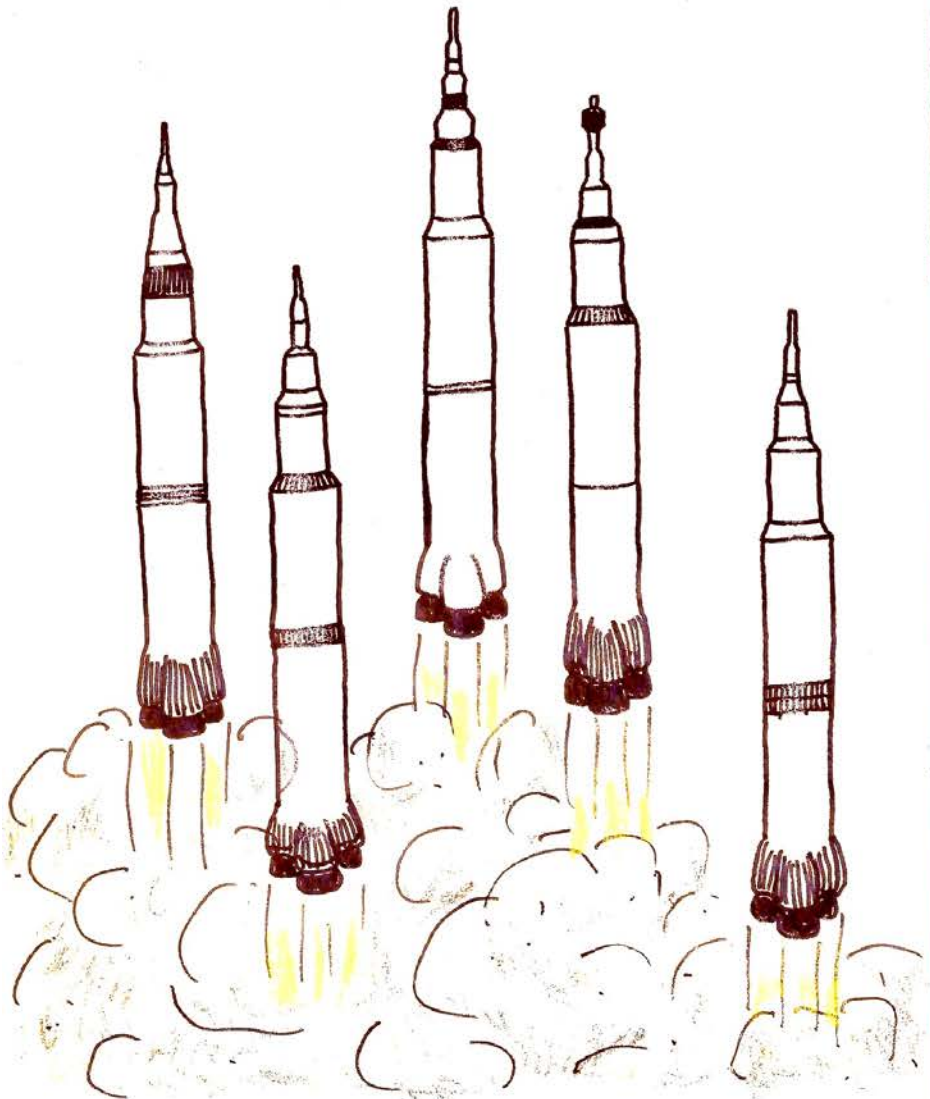


There are also 2 bananas inside each box.

How many bananas are in the picture?

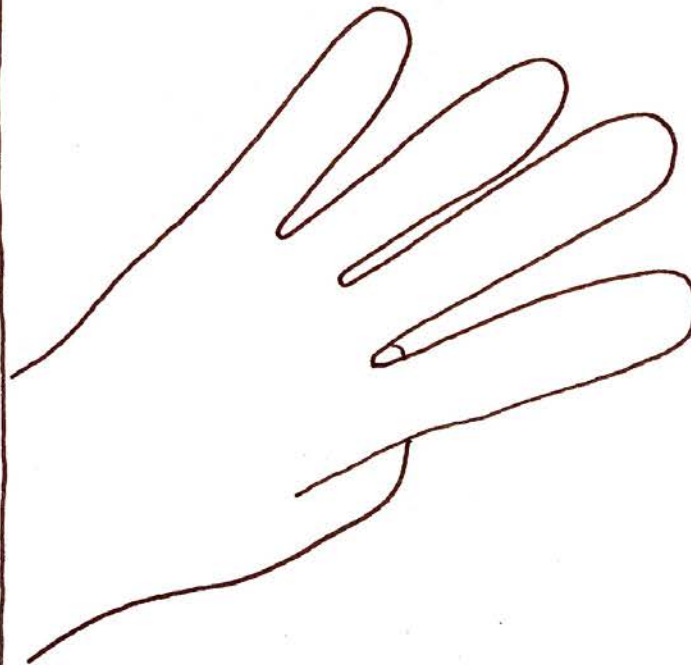
TOMATOES IN SPACESHIPS

There are 4 tomatoes inside each spaceship.
How many tomatoes are in this picture?



MAKE-BELIEVE SPACESHIPS

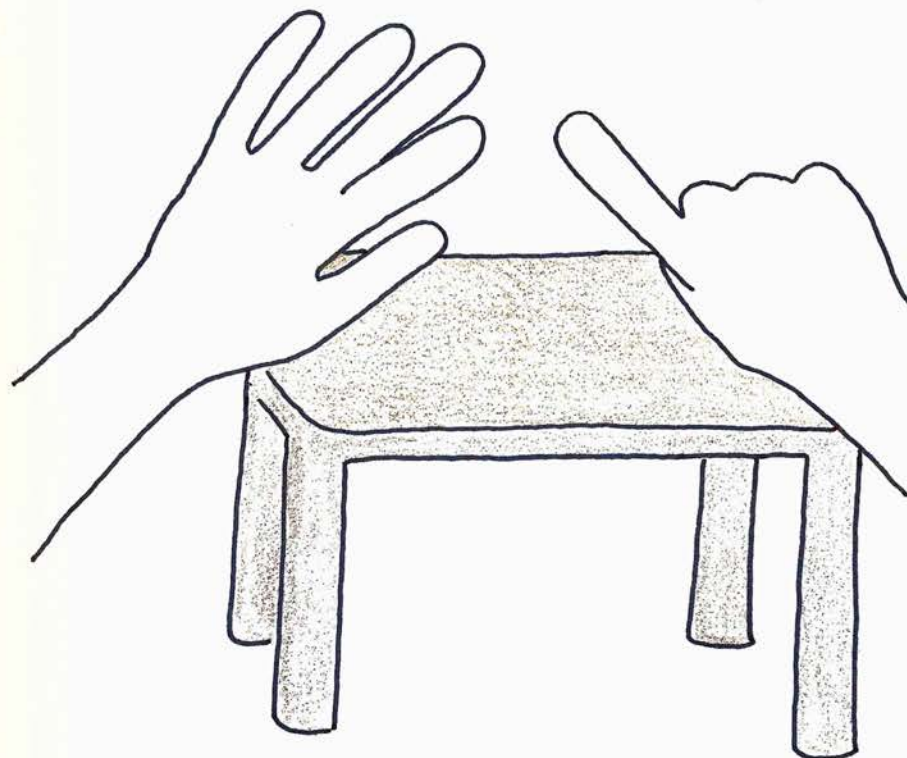
Hold up 4 fingers like this:



Pretend that each finger is a spaceship.
There are 5 tomatoes inside each "spaceship."
How many tomatoes?

SIX FINGERS

Use 6 fingers and a table:



Slowly touch the table with each finger—
one finger at a time. As you do this, count
by 2's: **2, 4, 6, 8...**

What number did you say when your last
finger touched the table?

NOW TRY THESE

Put out 7 fingers.

Touch the table with each finger—
one finger at a time. As you
go, count by 5's: **5, 10, 15, 20...**

What number did you say when
your last finger touched the table?

Use 10 fingers.

Count by 3's: **3, 6, 9, 12...**

What number did you say when
your last finger touched the table?

LEARN THE CODE

Look at the code. Then read the words:

IN CODE

$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

IN WORDS

Count by 2's.

Use 7 fingers.

Now try to guess what these mean:

1.
$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

USE THE CODE

Do what the code tells you to do.

What number did you say when your last finger touched the table?

1.
$$\begin{array}{r} 2 \\ \times 7 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 5 \\ \times 4 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 4 \\ \times 10 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 5 \\ \times 9 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$$

A DIFFERENT CODE

Look at the code. Then read the words:

IN CODE

IN WORDS

$$3 \times 7$$

Use 3 fingers.
Count by 7's.

Now guess what these mean:

1. 6×5

2. 2×4

3. 4×8

4. 8×3

USE THE CODE

Do what the code tells you to do.

What number did you say when your last finger touched the table?

1. 3×7

2. 6×5

3. 2×4

4. 4×8

5. 8×3

6. 7×5

7. 3×9

8. 4×3

Chapter 8

MEMORIZING MULTIPLICATION


Look at the numbers on this page until you know them by heart:

$$9 \times 6 = 54$$

$$\begin{array}{r} 9 \\ \times 6 \\ \hline 54 \end{array}$$

$$\begin{array}{r} 6 \\ \times 9 \\ \hline 54 \end{array}$$

$$6 \times 9 = 54$$

Then turn the page. 

REMEMBER THE NUMBERS

Look at each number. Is it one of the numbers you saw on the last page?
(Say YES or NO.)

- | | | | |
|--------|--------|--------|--------|
| 1. 8 | 2. 6 | 3. 11 | 4. 9 |
| 5. 3 | 6. 54 | 7. 23 | 8. 17 |
| 9. 9 | 10. 4 | 11. 54 | 12. 6 |
| 13. 26 | 14. 39 | 15. 9 | 16. 18 |
| 17. 54 | 18. 22 | 19. 7 | 20. 2 |
| 21. 9 | 22. 6 | 23. 88 | 24. 6 |
| 25. 5 | 26. 57 | 27. 54 | 28. 42 |
| 29. 6 | 30. 54 | 31. 13 | 32. 9 |

DO YOU STILL REMEMBER?

When you come to one of the problems you just learned, say the answer—54. For all the other problems just say NO, even if you know the answer.

- | | | |
|--|--|--|
| 1. 8×7 | 2. 9×6 | |
| 3. 2×2 | 4. 8×5 | |
| 5. 6×7 | 6. 6×9 | |
| 7. 9×6 | 8. 9×3 | |
| 9. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ | 10. $\begin{array}{r} 5 \\ \times 7 \\ \hline \end{array}$ | 11. $\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$ |
| 12. $\begin{array}{r} 9 \\ \times 4 \\ \hline \end{array}$ | 13. $\begin{array}{r} 6 \\ \times 9 \\ \hline \end{array}$ | 14. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$ |

Chapter 9

MEMORIZING MULTIPLICATION

Look at the numbers on this page
until you know them by heart:

$$8 \times 8 = 64$$

$$\begin{array}{r} 8 \\ \times 8 \\ \hline 64 \end{array}$$

Then turn the page. ➡

REMEMBER THE NUMBERS

Look at each number. Is it one of the numbers you saw on the last page?
(Say YES or NO.)

- | | | | |
|--------|--------|--------|--------|
| 1. 8 | 2. 52 | 3. 39 | 4. 64 |
| 5. 5 | 6. 64 | 7. 8 | 8. 26 |
| 9. 64 | 10. 8 | 11. 38 | 12. 14 |
| 13. 8 | 14. 19 | 15. 24 | 16. 8 |
| 17. 57 | 18. 9 | 19. 64 | 20. 11 |
| 21. 64 | 22. 15 | 23. 8 | 24. 64 |
| 25. 8 | 26. 63 | 27. 64 | 28. 72 |
| 29. 41 | 30. 64 | 31. 85 | 32. 8 |

DO YOU STILL REMEMBER?

When you come to one of the problems you just learned, say the answer—64.
For all the other problems just say NO, even if you know the answer.

- | | | |
|--|--|--|
| 1. 8×8 | 2. 3×3 | |
| 3. 6×6 | 4. 8×8 | |
| 5. 7×8 | 6. 6×4 | |
| 7. 8×8 | 8. 8×9 | |
| 9. $\begin{array}{r} 5 \\ \times 5 \\ \hline \end{array}$ | 10. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$ | 11. $\begin{array}{r} 4 \\ \times 8 \\ \hline \end{array}$ |
| 12. $\begin{array}{r} 8 \\ \times 3 \\ \hline \end{array}$ | 13. $\begin{array}{r} 7 \\ \times 7 \\ \hline \end{array}$ | 14. $\begin{array}{r} 8 \\ \times 8 \\ \hline \end{array}$ |

Chapter 10

MEMORIZING MULTIPLICATION

Look at the numbers on this page until you know them all by heart:

$\begin{array}{r} 4 \\ \times 2 \\ \hline 8 \end{array}$	$\begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$	$\begin{array}{r} 8 \\ \times 2 \\ \hline 16 \end{array}$	$\begin{array}{r} 3 \\ \times 2 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ \times 6 \\ \hline 12 \end{array}$
$\begin{array}{r} 6 \\ \times 2 \\ \hline 12 \end{array}$	$\begin{array}{r} 2 \\ \times 7 \\ \hline 14 \end{array}$	$\begin{array}{r} 2 \\ \times 8 \\ \hline 16 \end{array}$	$\begin{array}{r} 2 \\ \times 2 \\ \hline 4 \end{array}$	$\begin{array}{r} 9 \\ \times 2 \\ \hline 18 \end{array}$
$\begin{array}{r} 2 \\ \times 3 \\ \hline 6 \end{array}$	$\begin{array}{r} 2 \\ \times 9 \\ \hline 18 \end{array}$	$\begin{array}{r} 2 \\ \times 4 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array}$	$\begin{array}{r} 7 \\ \times 2 \\ \hline 14 \end{array}$

Then turn the page. 

REMEMBER THE NUMBERS

Multiply each number below by 2.

(Try to remember the answers you just memorized on the last page.)

1. 5

2. 4

3. 8

4. 9

5. 7

6. 6

7. 3

8. 5

9. 8

10. 2

11. 6

12. 4

13. 9

14. 5

15. 7

16. 2

17. 3

18. 9

19. 4

20. 8

21. 7

22. 6

23. 2

24. 7

25. 5

26. 3

27. 8

28. 9

29. 2

30. 7

31. 6

32. 3

DO YOU STILL REMEMBER?

When you come to one of the problems you just learned, say the answer.

For all the other problems, just say

NO, even if you know the answer.

1. $\begin{array}{r} 2 \\ \times 6 \\ \hline \end{array}$

2. $\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array}$

3. $\begin{array}{r} 47 \\ \times 16 \\ \hline \end{array}$

4. $\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$

5. $\begin{array}{r} 2 \\ \times 5 \\ \hline \end{array}$

6. $\begin{array}{r} 18 \\ \times 8 \\ \hline \end{array}$

7. $\begin{array}{r} 2 \\ \times 8 \\ \hline \end{array}$

8. $\begin{array}{r} 9 \\ \times 2 \\ \hline \end{array}$

9. $\begin{array}{r} 2 \\ \times 2 \\ \hline \end{array}$

10. $\begin{array}{r} 7 \\ \times 2 \\ \hline \end{array}$

11. $\begin{array}{r} 6 \\ \times 7 \\ \hline \end{array}$

12. $\begin{array}{r} 4 \\ \times 6 \\ \hline \end{array}$

13. $\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$

14. $\begin{array}{r} 3 \\ \times 5 \\ \hline \end{array}$

15. $\begin{array}{r} 86 \\ \times 5 \\ \hline \end{array}$

16. $\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$