

MATHS CLUB

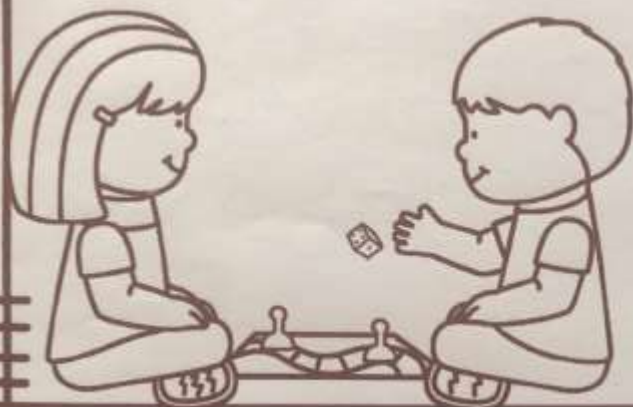
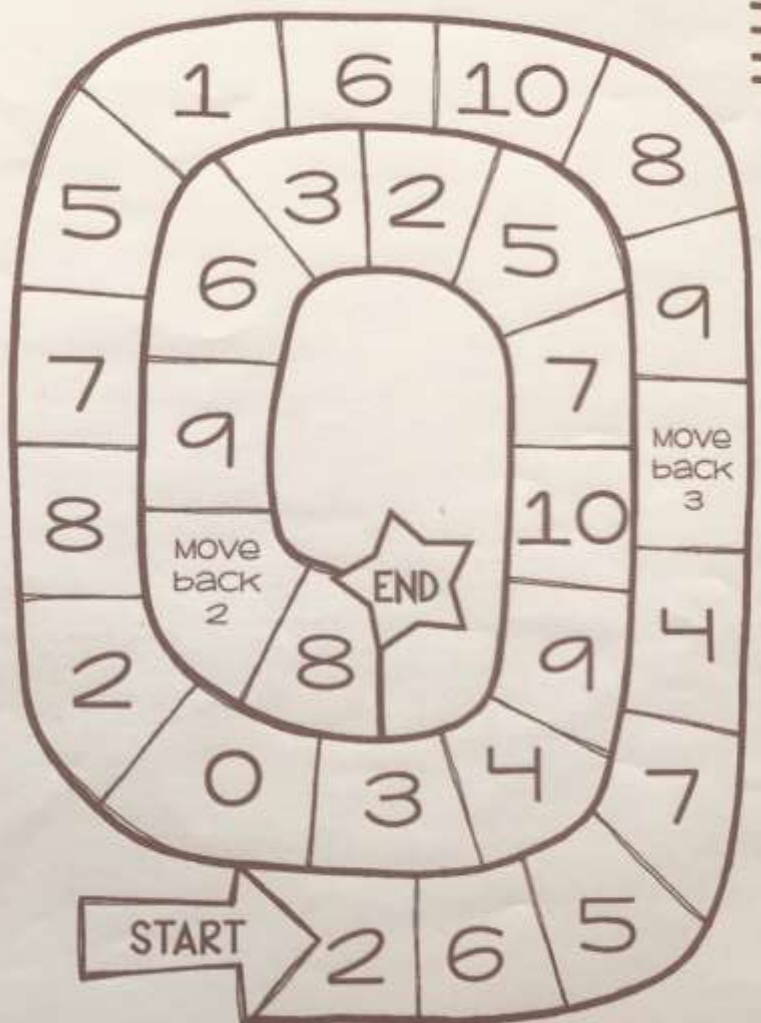
FUN-FILLED SHEETS

Courtesy of our Periscolaire "Maths Club" instructor, MS Shruti Tulsian

DOUBLE UP!

Roll the die and move that many spaces. Look at the number on the game space and double it. If you get the sum correct, you can stay there. If you get it wrong, you must go back to where you were.

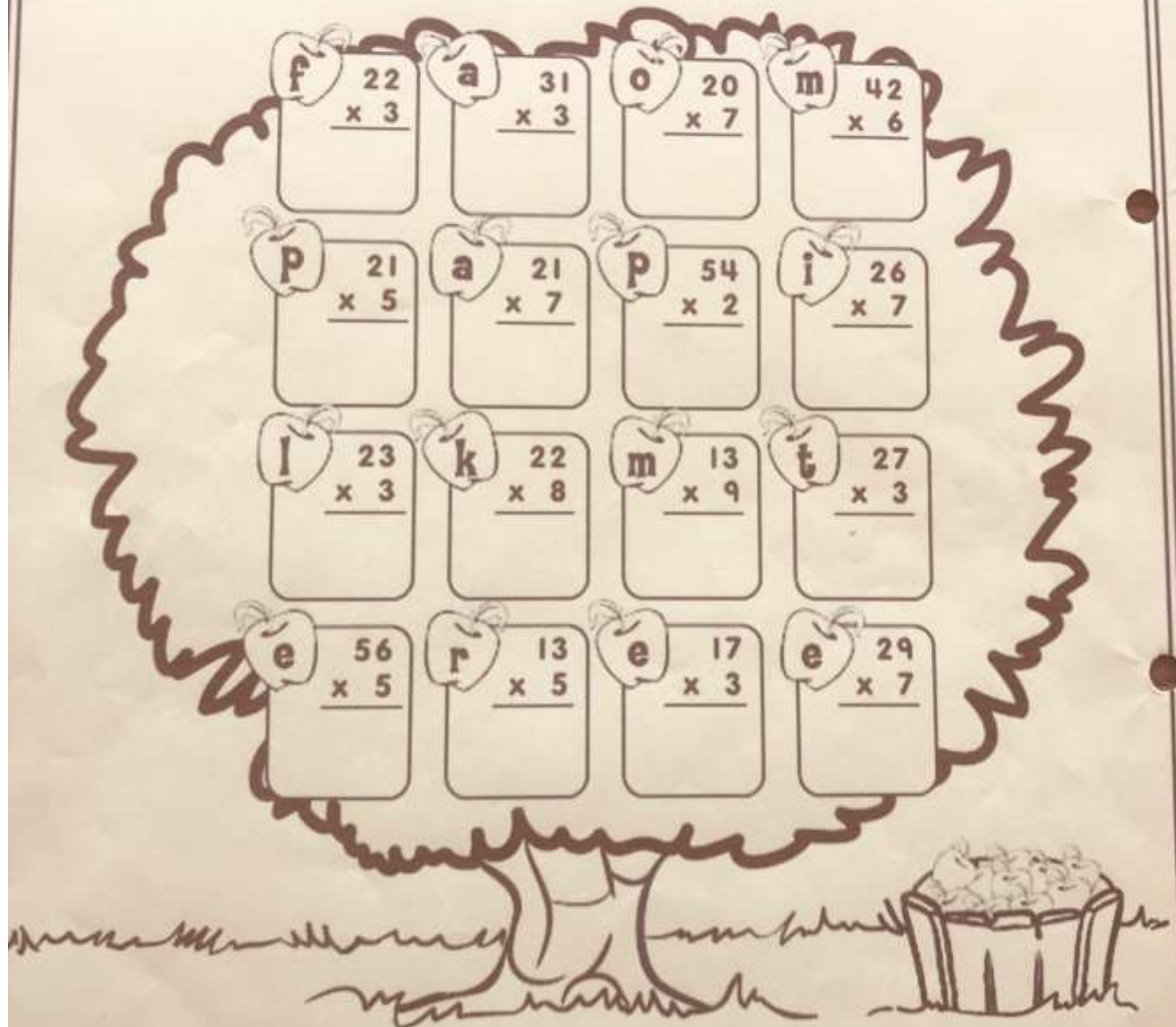
The first player to make it to the star wins!



Tree-mendous Multiplication

What kind of tree grows on your hand?

To find the answer to the riddle, solve each problem. Put an "X" on the apple if the answer is an EVEN number. Then write the leftover letters on the lines at the bottom in the same order as they appear in the puzzle.



Crack the Expression Safe



Crack the code to solve the riddle.

For each word phrase, circle the key with the matching expression. Then write the letter from each circled key in its place on the lines at the bottom.

- | | | | |
|--|---------------------------------------|------------------------------------|--|
| 1. 4 times the number | <input type="radio"/> D $4n$ | <input type="radio"/> E $n+4$ | <input type="radio"/> R $n+4$ |
| 2. Students equally shared 98 cookies | <input type="radio"/> E $n \times 98$ | <input type="radio"/> D $n+98$ | <input type="radio"/> O $98 \div n$ |
| 3. 7 pennies less than Kelsey has | <input type="radio"/> Y $n-7$ | <input type="radio"/> A $7-n$ | <input type="radio"/> T $n+7$ |
| 4. Total number of dishes divided into 12 boxes | <input type="radio"/> H $12+n$ | <input type="radio"/> E $n+12$ | <input type="radio"/> T $n \times 12$ |
| 5. 8 pens more than Dylan has | <input type="radio"/> L $n+8$ | <input type="radio"/> G $8-n$ | <input type="radio"/> A $n+8$ |
| 6. 8 stars less than half the number of Tracey's | <input type="radio"/> N $(n+2)+8$ | <input type="radio"/> W $(n+2)-8$ | <input type="radio"/> L $8-(\frac{1}{2}n)$ |
| 7. 5 cookies less than twice the number of Lynn's | <input type="radio"/> E $5-2n$ | <input type="radio"/> N $(n+2)-5$ | <input type="radio"/> O $2n-5$ |
| 8. 10 stickers more than three times the number of Ari's | <input type="radio"/> U $10-3n$ | <input type="radio"/> S $(n+3)+10$ | <input type="radio"/> O $3n+10$ |
| 9. Three less than the number of Kelly's stickers | <input type="radio"/> E $3-n$ | <input type="radio"/> H $n-3$ | <input type="radio"/> S $n+3$ |

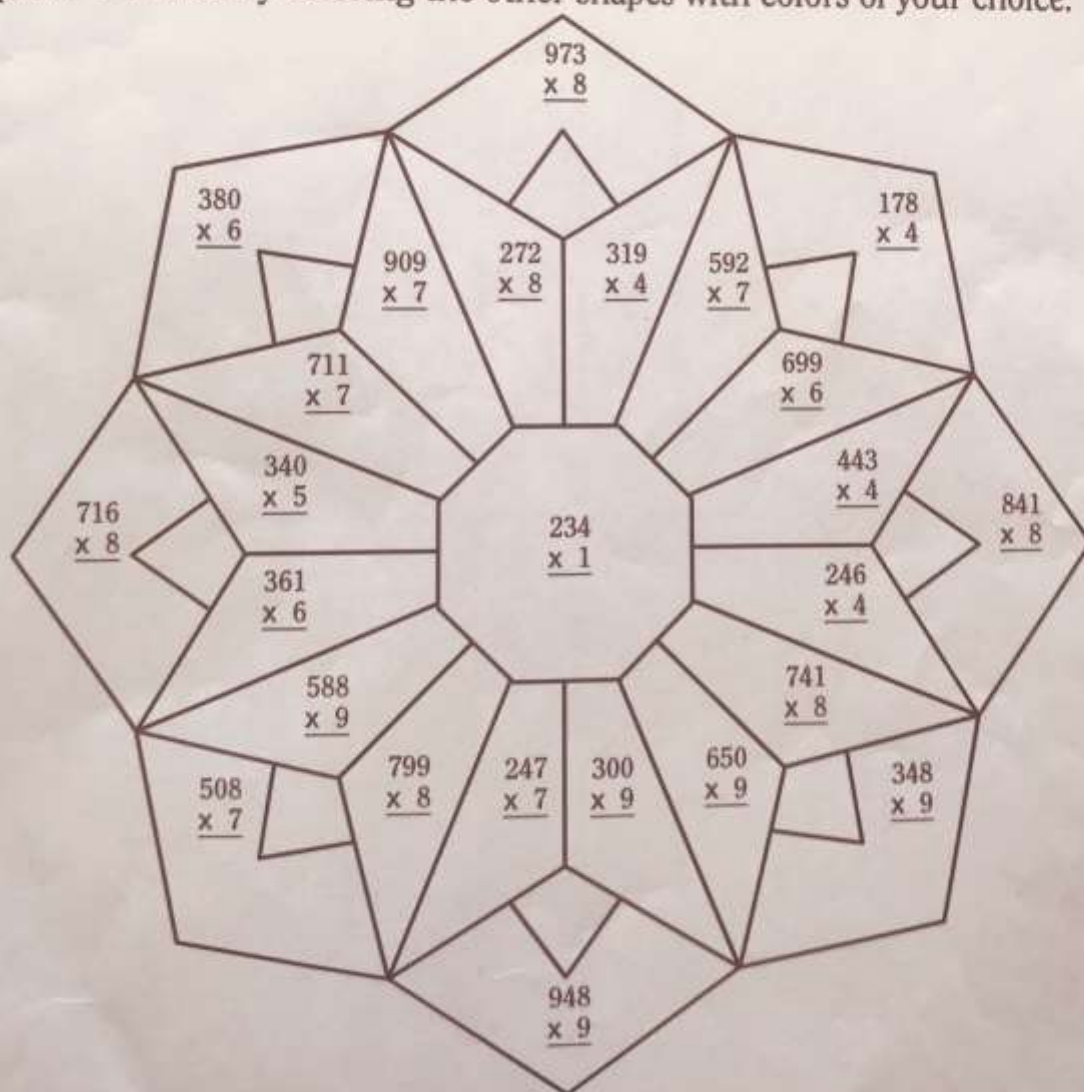
Where do termites go for a vacation?

9 7 5 4 3 - 6 2 8 1

Purple Blossoms

Name _____ Date _____

Solve the problems. ♦ If the answer is between 1 and 250, color the shape yellow. ♦ If the answer is between 251 and 4000, color the shape purple. ♦ If the answer is between 4,001 and 9,000, color the shape pink. ♦ Finish by coloring the other shapes with colors of your choice.



Taking It Further: I am an even number. I have three digits and they are all the same. If you multiply me by 4, all of the digits in the product are 8. What number am I? _____

Bee Riddle

Name _____ Date _____



Riddle: What did the farmer get when he tried to reach the beehive?

Round each number. Then use the Decoder to solve the riddle by filling in the spaces at the bottom of the page.

- ① Round 7 to the nearest ten _____
- ② Round 23 to the nearest ten _____
- ③ Round 46 to the nearest ten _____
- ④ Round 92 to the nearest ten _____
- ⑤ Round 203 to the nearest hundred _____
- ⑥ Round 420 to the nearest hundred _____
- ⑦ Round 588 to the nearest hundred _____
- ⑧ Round 312 to the nearest hundred _____
- ⑨ Round 549 to the nearest hundred _____
- ⑩ Round 710 to the nearest hundred _____

A "B _____
 10 5 8 1 4 9 7 3 6 2

Decoder

400	A
800	W
30	O
10	Y
25	E
500	I
210	J
20	L
40	C
700	U
90	S
100	T
600	G
95	F
50	N
550	V
300	Z
7	H
200	Z

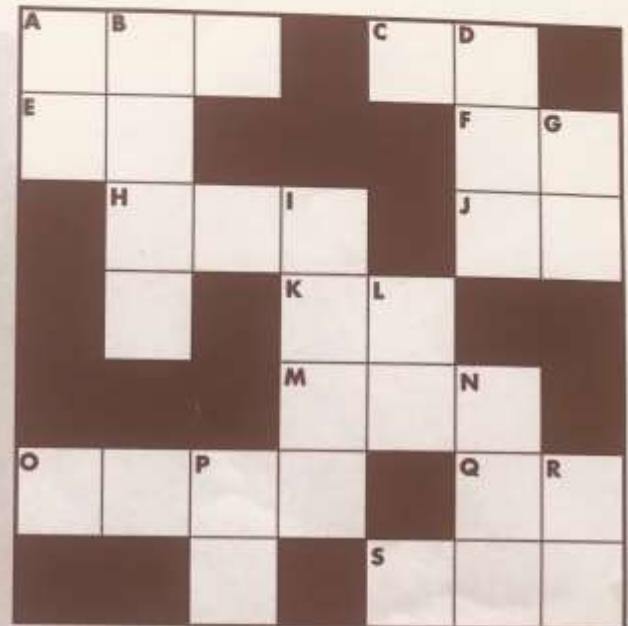
A Place for Every Number

Name _____ Date _____

Look at the numbers in 243. Each number in the group has its own "place" and meaning. For instance, the 2 in 243 is in the hundreds place. That stands for 2 hundreds or 200. The 4 is in the tens place, meaning 4 tens or 40. And the 3 is in the ones place, meaning 3 ones or 3.

DIRECTIONS:

Use a place value chart to put the numbers in this crossnumber puzzle in their places.



ACROSS

- A. 3 hundreds 2 tens 6 ones
- C. 8 tens 1 one
- E. 6 tens 4 ones
- F. 4 tens 7 ones
- H. 5 hundreds 2 tens 6 ones
- J. 9 tens 3 ones
- K. 8 tens 9 ones
- M. 5 hundreds 4 tens 2 ones
- O. 2 thousands 8 hundreds 3 tens 1 one
- Q. 9 tens 8 ones
- S. 6 hundreds 6 tens 4 ones

DOWN

- A. 3 tens 6 ones
- B. 2 thousands 4 hundreds 5 tens 7 ones
- D. 1 hundred 4 tens 9 ones
- G. 7 tens 3 ones
- I. 6 thousands 8 hundreds 5 tens 1 one
- L. 9 tens 4 ones
- N. 2 hundreds 9 tens 6 ones
- P. 3 tens 5
- R. 8 tens 4 ones




Make a list of 10 numbers written out in the same way as the clues above. Ask a classmate to write each of those numbers in their own place value box.

Duck Into Action With Fractions

Name _____ Date _____

Why don't ducks like to get mail? Fractions can help you find the answer. Each of the shapes below represent a fraction and a letter. To figure out each fraction, compare the number of shaded spaces in the shape to the total number of spaces.

Example:  is the same as $\frac{2}{6}$. Next, write the letter that is underneath each shape on the corresponding blank below. You will use some letters several times. Now get quacking!



A



S



V



B



Y



D



H



R



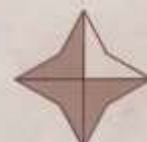
E



L



T



I

Why don't ducks like to get mail?

_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
$\frac{1}{5}$	$\frac{3}{8}$	$\frac{4}{6}$	$\frac{6}{8}$	$\frac{1}{2}$	$\frac{2}{9}$	$\frac{2}{3}$	$\frac{4}{6}$	$\frac{1}{2}$	$\frac{1}{3}$
_____	_____	_____	_____	_____	_____	_____	_____	_____	_____
$\frac{3}{8}$	$\frac{1}{2}$	$\frac{5}{6}$	$\frac{4}{6}$	$\frac{6}{12}$	$\frac{3}{4}$	$\frac{2}{9}$	$\frac{2}{9}$	$\frac{3}{5}$	



Draw several shapes of your own. Shade in parts of the shape to represent a fraction. Trade shapes with a classmate and identify the fractions shown.

Subtraction

Name _____

Date _____

Let's Play Bingo



Solve the problems below and locate your answers in the bingo grid. (The problems that are written horizontally can be rewritten vertically.) Circle the answers you find in the grid. Any five answers in a line horizontally, vertically, or diagonally is a BINGO.

$\begin{array}{r} 13.084 \\ - .078 \\ \hline 13.006 \end{array}$	$48 - 44.394 =$	$\begin{array}{r} 5.8 \\ - 3.9 \\ \hline \end{array}$	$2.9 - 1.13 =$	$\begin{array}{r} 47.62 \\ - 31.74 \\ \hline \end{array}$
$17.9 - 3.7 =$	$\begin{array}{r} 58.09 \\ - 3.84 \\ \hline \end{array}$	$\begin{array}{r} 16.24 \\ - 4.977 \\ \hline \end{array}$	$5 - 1.33 =$	$92.4 - 6.9 =$
$\begin{array}{r} 36.5 \\ - 24.055 \\ \hline \end{array}$	$3.6 - 1.43 =$	$77.8 - 24.3 =$	$\begin{array}{r} 94.7 \\ - 3.9 \\ \hline \end{array}$	$26.3 - 15.8 =$

B I N G O

15.88	2.47	54.25	79.8	1.9
12.445	64.28	28.7	11.263	85.5
34.75	2.629	90.8	47.2	3.606
2.17	1.77	14.2	10.5	3.67
6.08	53.5	33.74	13.006	6.15

Name _____

Addition

Date _____

Crack the Code #1



What bad news did the ringmaster at the circus convey to the audience?

Solve each of the addition problems carefully. (Problems that are written horizontally can be rewritten vertically.) Match your answer with the correct answer in the code box. When you find that match, write the word from the question box above the answer.

BUT $56.4 + 3.37 + 8.335 =$ 68.105	HERE $\begin{array}{r} 24.79 \\ 3.6 \\ + 6.824 \\ \hline \end{array}$	MAN $79.0 + 3.94 + 68.36 =$	BE $\begin{array}{r} 724.1 \\ 4.932 \\ + 84 \\ \hline \end{array}$
SEEN $\begin{array}{r} 32.71 \\ .769 \\ + 734 \\ \hline \end{array}$	TONIGHT $487.8 + 8.8 + 63.42 =$	APOLOGIZE $\begin{array}{r} 24 \\ .71 \\ + 7.1 \\ \hline \end{array}$	MUST $97.8 + 4.838 + 53.9 =$
INVISIBLE $38.6 + 3.86 + .386 =$	WE $\begin{array}{r} 78.29 \\ 3.7 \\ + .638 \\ \hline \end{array}$	WON'T $47.2 + 3.94 + 456.8 =$	THE $\begin{array}{r} 59.846 \\ 2.3 \\ + 3.71 \\ \hline \end{array}$

82.628	156.538	31.81	BUT 68.105
65.856	42.846	151.30	507.94
813.032	767.479	35.214	560.02

A Sick Riddle

Name _____ Date _____



**Riddle: What
sickness can't you
talk about until
it's cured?**

Find each sum. Then use the Decoder to
solve the riddle by filling in the spaces at
the bottom of the page.

- ① $12 + 7 =$ _____
- ② $32 + 10 =$ _____
- ③ $50 + 4 =$ _____
- ④ $13 + 22 =$ _____
- ⑤ $47 + 19 =$ _____
- ⑥ $97 + 68 =$ _____
- ⑦ $204 + 41 =$ _____
- ⑧ $37 + 331 =$ _____
- ⑨ $670 + 98 =$ _____
- ⑩ $857 + 466 =$ _____

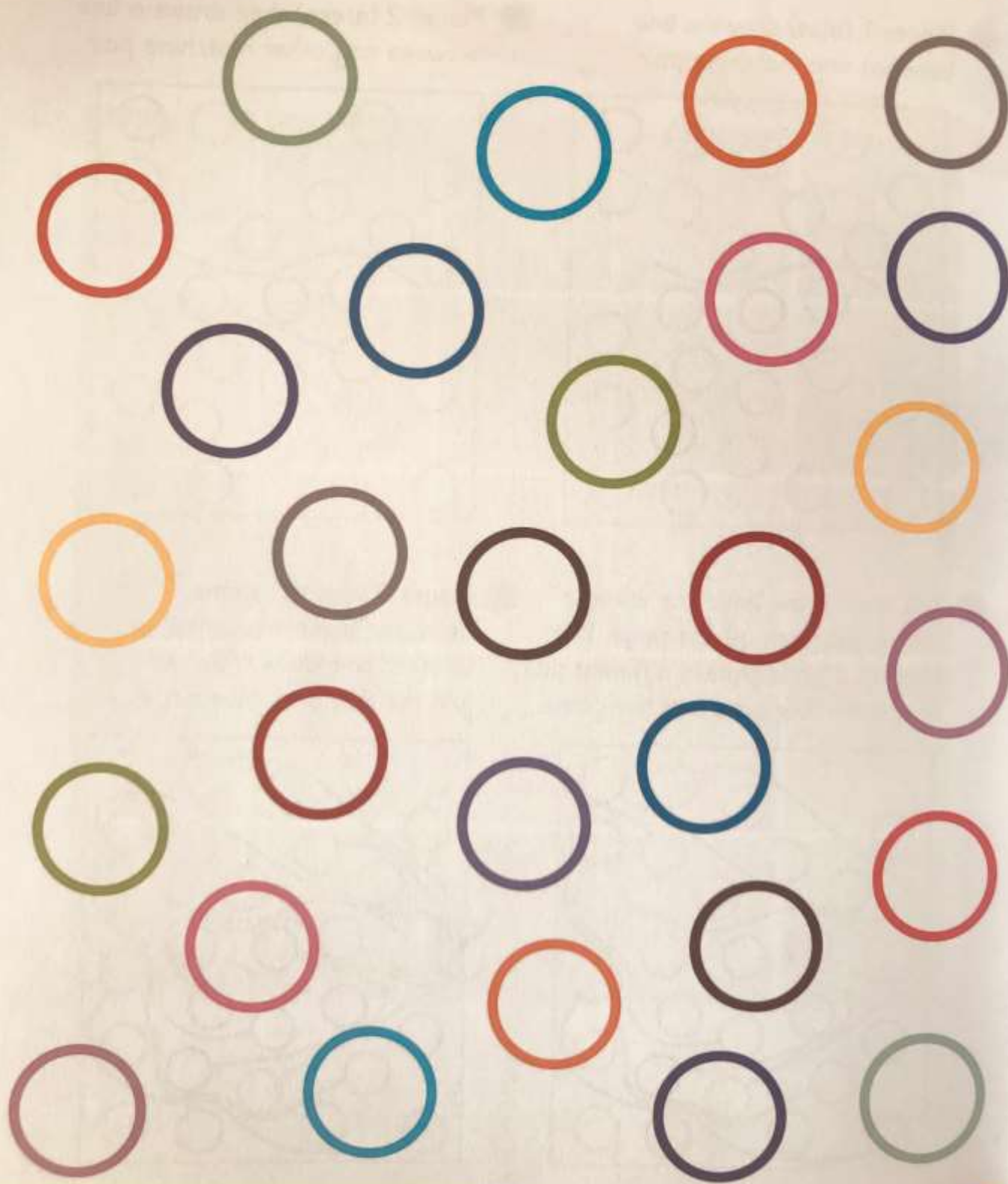
Decoder

66	.....	I
57	.....	W
42	.....	I
216	.....	M
19	.....	Y
97	.....	C
768	.....	G
35	.....	S
46	.....	E
100	.....	X
245	.....	R
1,257	.....	D
54	.....	A
52	.....	O
368	.....	L
82	.....	P
1,323	.....	T
155	.....	Q
165	.....	N

8 3 7 1 6 9 5 10 2 4

Pair them up

195



Pair them up

196

