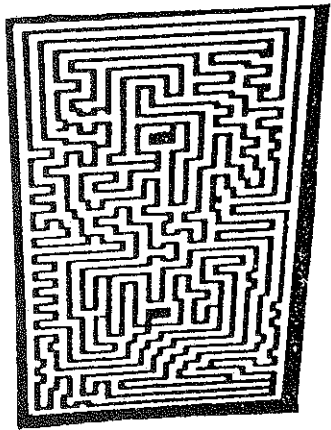


More Unusual Problems

Name _____



Directions:

This test will show how well you can add, subtract, multiply, and divide.

Do the problems on the next two pages. You can do any scratch work or figuring on any of the pages in this booklet. Circle the letter beside the answer you choose.

Sample Item:

Do Sample Item A below.

Addition

A		A	4
	8	B	6
	<u>+ 4</u>	C	8
		D	12

You should have circled "D", because eight plus four is twelve.

Do these addition and subtraction problems. Reduce fractions to lowest terms.

$$46 + 5 =$$

A 41
B 42
C 51
D 411

$$\begin{array}{r} 647 \\ - 159 \\ \hline \end{array}$$

A 397
B 478
C 488
D 498

$$13 + 2\frac{3}{4} =$$

A $11\frac{3}{4}$
B $13\frac{5}{8}$
C $15\frac{5}{8}$
D $15\frac{3}{4}$

$$648 - 105 =$$

E 543
F 553
G 743
H 753

$$\begin{array}{r} 2,713 \\ 8,649 \\ 3,574 \\ + 2,020 \\ \hline \end{array}$$

E 16,946
F 16,956
G 17,046
H 17,066

$$\begin{array}{r} 7,605 \\ - 4,327 \\ \hline \end{array}$$

A 3,278
B 3,287
C 3,362
D 3,478

$$\begin{array}{r} 346 \\ 159 \\ + 350 \\ \hline \end{array}$$

A 745
B 755
C 845
D 855

$$\frac{3}{7} - \frac{1}{7} =$$

A $\frac{1}{7}$
B $\frac{2}{7}$
C $\frac{4}{7}$
D 2

$$\begin{array}{r} 12\frac{1}{3} \\ + 4\frac{1}{4} \\ \hline \end{array}$$

A $16\frac{2}{7}$
B $16\frac{7}{12}$
C $17\frac{5}{12}$
D $17\frac{3}{4}$

$$\begin{array}{r} 35\frac{2}{3} \\ - 12 \\ \hline \end{array}$$

A $20\frac{2}{3}$
B $22\frac{3}{4}$
C $23\frac{1}{3}$
D $23\frac{2}{3}$

$$\begin{array}{r} 30.4 \\ + 6.5 \\ \hline \end{array}$$

E 3.69
F 36.9
G 39.6
H 369.0

$$\begin{array}{r} 48.3 \\ - 4.8 \\ \hline \end{array}$$

E 4.35
F 4.46
G 43.5
H 44.6

go on to the next page

Do these multiplication and division problems. Reduce fractions to lowest terms.

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

- E 65
- F 85
- G 100
- H 110

$$7 \overline{) 427}$$

- A 33
- B 51
- C 61
- D 82

$$\begin{array}{r} 3,057 \\ \times 6 \\ \hline \end{array}$$

- E 18,013
- F 18,342
- G 18,432
- H 183,042

$$9 \overline{) 183}$$

- E 9 R 3
- F 12 R 3
- G 20 R 3
- H 21 R 3

$$\begin{array}{r} 33 \\ \times 24 \\ \hline \end{array}$$

- A 543
- B 682
- C 792
- D 972

$$39 \overline{) 3,370}$$

- E 73 R 23
- F 86 R 16
- G 86 R 36
- H 99 R 9

$$\frac{1}{4} \times \frac{1}{4} =$$

- A $\frac{1}{16}$
- B $\frac{1}{8}$
- C $\frac{1}{2}$
- D 1

$$\frac{1}{5} \div \frac{1}{5} =$$

- E $\frac{1}{25}$
- F $\frac{1}{10}$
- G $\frac{2}{5}$
- H 1

$$6.68 \times 9 =$$

- A 54.72
- B 55.67
- C 60.12
- D 601.20

$$\$3.00 \overline{) \$24.00}$$

- A .08
- B .60
- C 7.00
- D 8.00

$$\begin{array}{r} \$13.30 \\ \times 12 \\ \hline \end{array}$$

- E \$26.60
- F \$159.60
- G \$169.60
- H \$359.60

$$\$12.00 \div 4 =$$

- E \$3.00
- F \$3.30
- G \$30.00
- H \$33.00

stop

ABOVE ZERO - BELOW ZERO

Each Hit:
Gain 5 points

Each Miss:
Lose 1 point

Jill Started with a score of Number of Hits Number of Misses Ended with a score of

Eric Started with a score of Number of Hits Number of Misses Ended with a score of

Bill Started with a score of Number of Hits Number of Misses Ended with a score of

Jane Started with a score of Number of Hits Number of Misses Ended with a score of

Peter Started with a score of Number of Hits Number of Misses Ended with a score of

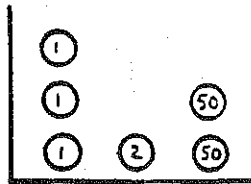
Beth Started with a score of Number of Hits Number of Misses Ended with a score of

John Started with a score of Number of Hits Number of Misses Ended with a score of

stop

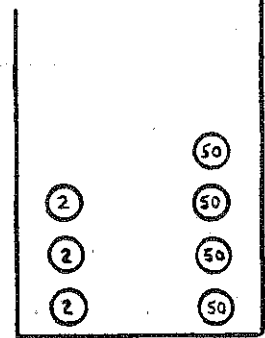
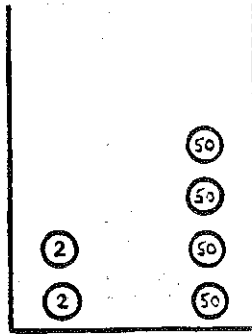
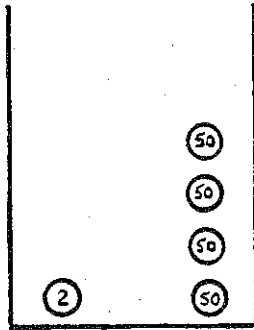
Pretend: Shake the box.
 Close your eyes.
 Take one ball.

SAMPLE



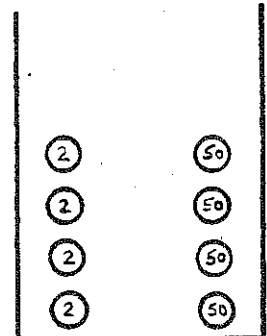
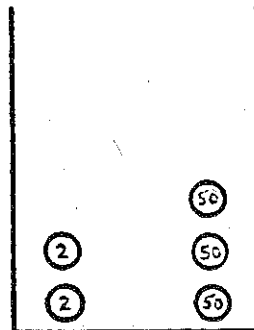
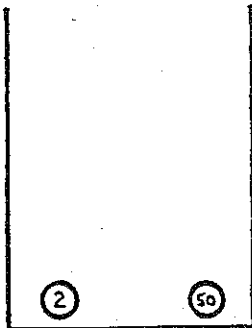
WHICH BOX WOULD YOU CHOOSE?

MONDAY



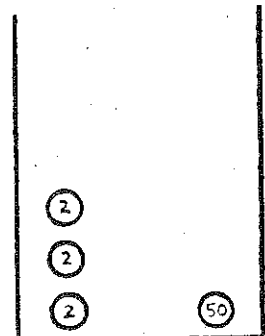
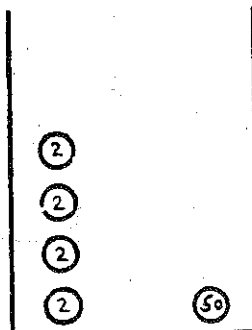
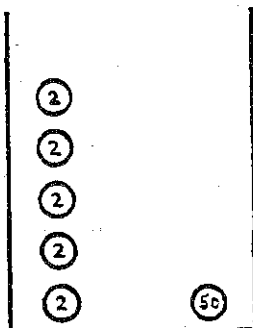
WHICH BOX WOULD YOU CHOOSE?

TUESDAY



WHICH BOX WOULD YOU CHOOSE?

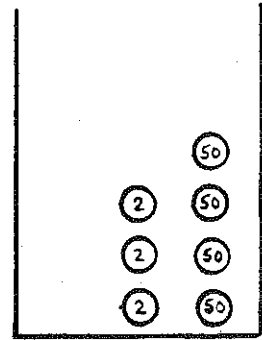
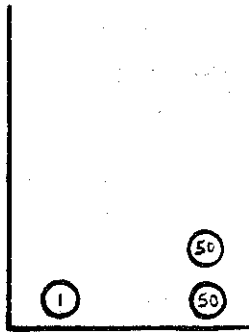
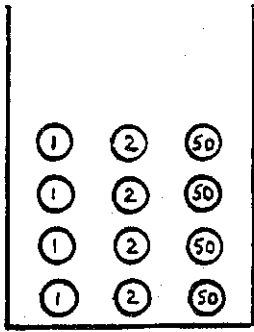
WEDNESDAY



go on to the next page

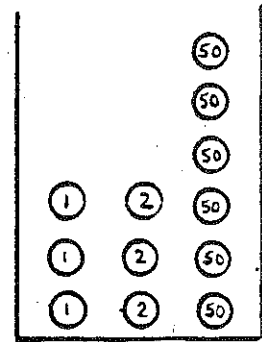
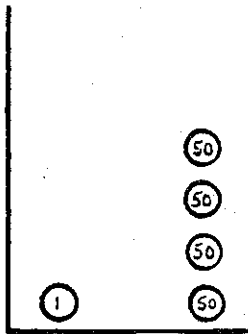
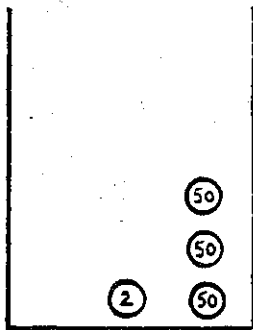
WHICH BOX WOULD YOU CHOOSE?

THURSDAY



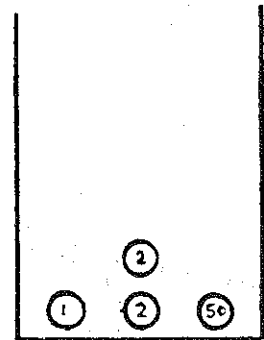
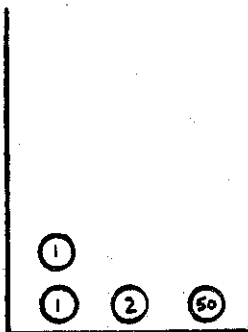
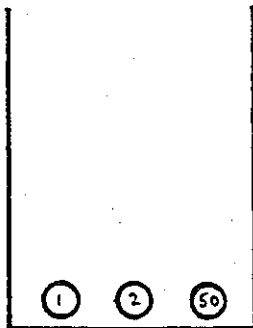
WHICH BOX WOULD YOU CHOOSE?

FRIDAY

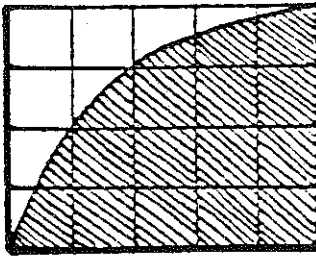


WHICH BOX WOULD YOU CHOOSE?

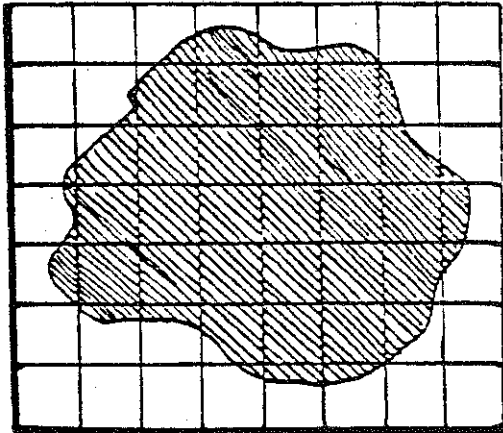
SATURDAY



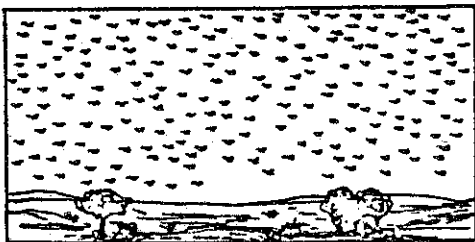
stop



This playground is divided into 20 sections.
It takes one gallon of paint to cover one section.
About how many gallons of paint would it take to cover the shaded part of the playground? _____



About how many gallons of paint would it take to cover the shaded part of this playground? _____



This is a picture of birds flying south.
You should not count them all.
But about how many birds are in the picture? _____

go on to the next page

Your school desk is about 70 centimeters high.

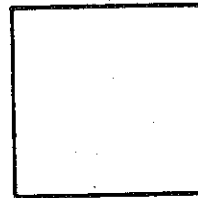
About how many centimeters high is the average doorway? _____

If it takes a gallon of paint to cover this, →



About how many gallons would it take

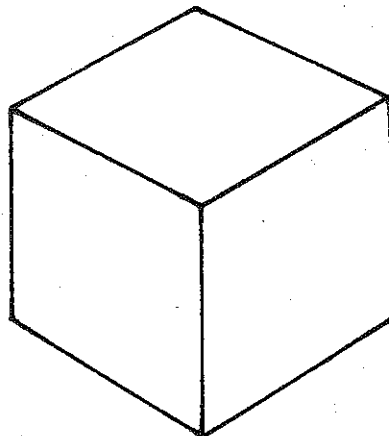
to cover this? _____ →



About how many blocks like this



would fit into the box below? _____



stop

1. Shirts cost \$10 each and ties cost \$5 each.

Peter bought 2 shirts and 3 ties.

What was his total cost? _____

2. Joan starts with \$40.

Each week she spends \$2.

How much will she have left after 5 weeks? _____

3. The cost of gum is 3 pieces for 10¢.

How many pieces can we buy for 40¢? _____

4. Pam gets 50¢ each week.

She always spends 30¢ and saves the rest.

How much will she save in 4 weeks? _____

go on to the next page

5. On Saturday Amy and Susan made \$13 selling lemonade.
On Sunday they made \$5.
They put their money together and divided it evenly.
How much did each girl get? _____

6. Jim has \$10 in his bank now.
Each week he will add \$5 to his bank.
In how many weeks will he have \$30 in his bank? _____

7. John has 5¢ more than Tom.
Ann has 3¢ less than Tom.
If John has 20¢, how much does Ann have? _____

stop

PRACTICE

483 + 357

0

10

50

100

500

~~X~~

1000

48 + 49

0

10

50

100

500

1000

ADDITION

185 + 97 0 10 50 100 500 1000

24 + 24 0 10 50 100 500 1000

59 + 39 0 10 50 100 500 1000

479 + 86 0 10 50 100 500 1000

279 + 165 0 10 50 100 500 1000

19 + 29 0 10 50 100 500 1000

257 + 294 0 10 50 100 500 1000

19 + 19 + 19 0 10 50 100 500 1000

stop

MULTIPLICATION

5×109

0 10 50 100 500 1000

2×19

0 10 50 100 500 1000

40×10

0 10 50 100 500 1000

4×23

0 10 50 100 500 1000

11×50

0 10 50 100 500 1000

2×49

0 10 50 100 500 1000

4×29

0 10 50 100 500 1000

stop

$$8 \text{ DIVIDED BY } 2 = 4$$

This means the same as $8 \div 2 = 4$

It also means the same as $2 \overline{)8} = 4$

DIVISION

300 DIVIDED BY 4 0 1 10 20 100

190 DIVIDED BY 10 0 1 10 20 100

1 DIVIDED BY 2 0 1 10 20 100

101 DIVIDED BY 9 0 1 10 20 100

133 DIVIDED BY 50 0 1 10 20 100

18,230 DIVIDED BY 1,000 0 1 10 20 100

850 DIVIDED BY 101 0 1 10 20 100

180 DIVIDED BY 21 0 1 10 20 100