

SELF-HELP NUMBER SERIES IN NUMBER LAND

 girl	 boat	 boy
 chair	 bird	 apple
 kite	 house	 balloon
 rabbit	 tree	 dog
 top	 cup	 ball

 Draw	 Color	 Write
---	--	--



red and blue



<p>Take away</p>  <p>1 ball is left.</p>	 <p>cat</p>	 <p>2 balls are red.</p>
---	---	---

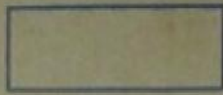
510
C644n



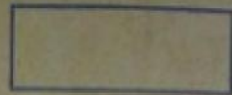
AND CUSHMAN
MILLAN COMPANY



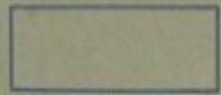
red



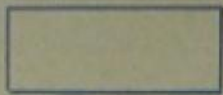
brown



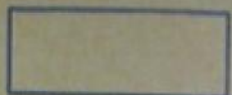
blue



green



orange



black

1



one

2



two

3



three

4



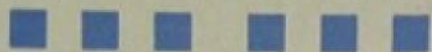
four

5



five

6



six

7



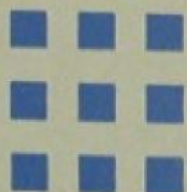
seven

8



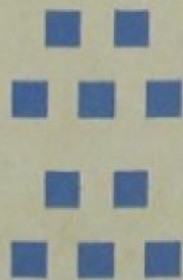
eight

9



nine

10

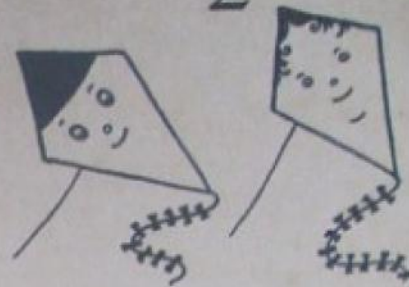


ten

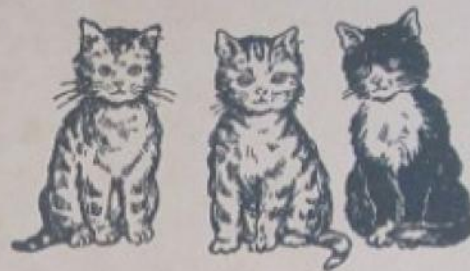
1



2



3



4



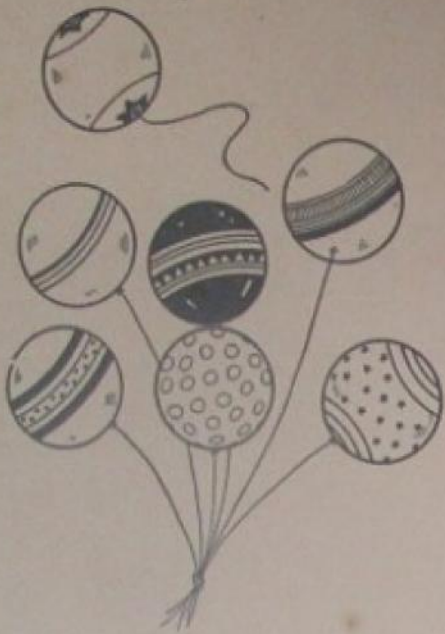
5



6



7



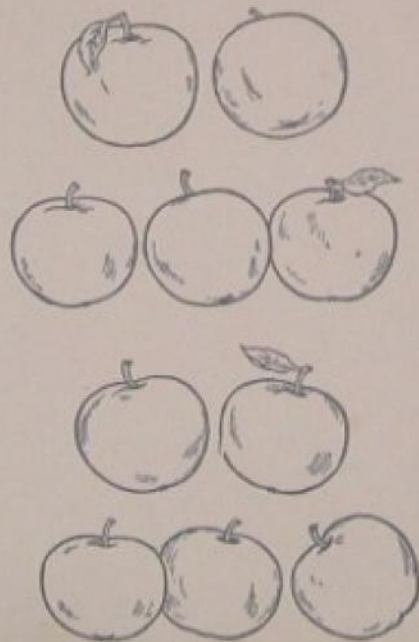
8



9



10

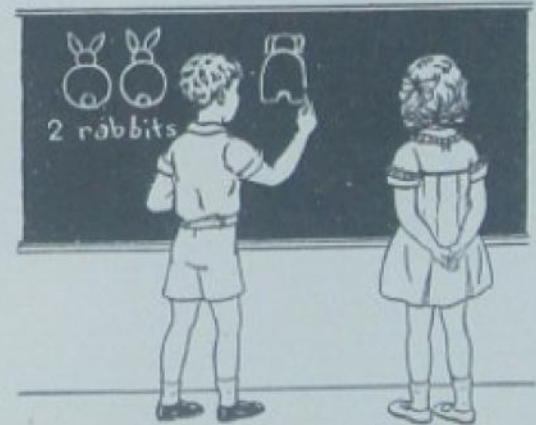


SELF-HELP NUMBER SERIES

IN NUMBER LAND

BY
MAE KNIGHT CLARK AND LAURA CUSHMAN
The Cushman School, Miami, Florida

ILLUSTRATED BY
MARION AND DORIS HENDERSON



NEW YORK

THE MACMILLAN COMPANY

1938

Remove this page from pupils' books.

This workbook-text is in no way intended to take the place of the activity program which every teacher of young children must use to make numbers real. The book is intended to supplement such a program and furnish a means of assurance that every child shall personally meet each needed number fact and shall be provided with means for complete mastery of it.

If you will carefully carry out the following directions in introducing this little book, the pupils will be able to complete it without further explanation from you.

Step I. Fix correct association between dictionary pictures and words that they represent. All illustrations on cover pages are dictionary pictures. When the book is presented, go over these illustrations in group discussion and see that they are correctly named. *Color* and *Take away* require particular explanation. *Color*: Explain that the word under the color box tells us to do something; it tells us to color. The picture of a box of colored crayons is right over this word so that we shall not forget that it says *Color*. See that the question, "What does this word say?" is answered with *Color*. *Take away*: Tell the pupils that the boy whose hand they see in the picture colored two balls; then his book told him to take one away. He couldn't really take one away without cutting or tearing his book; so he marked over it neatly with a black crayon and just pretended that it was gone. And that is just the way we do when the book tells us to "take away" anything. Practice the take-away game on the blackboard and introduce the words *is left* as used in the illustration.

Step II. Give drill in finding out words by matching the unknown word with the words beneath the dictionary pictures. Explain that in this book there are directions that tell us how to do things. If we cannot read them, we can always look under the dictionary pictures and find out what the words say. Print words on the blackboard and let the pupils find the picture that matches each one, letting someone give each word after all have located it in the book, *Stress Draw, Color, and Write*. In similar manner drill in use of the number references found on the inside page of the front cover. Direct the pupils in coloring the oblongs above the color names on the inside of the front cover; then drill in finding the color words, using the chart as a reference.

Step III. Experience in following direction. Page 3 should be used under direction. Give the pupils small strips of cardboard to be used as markers for keeping the place. Call attention to the two ways of saying "one ball," as shown above and under the picture of the ball. Place markers under the first direction and ask the pupils to see what it tells them to do. Those who cannot read the sentence are *not* told the words but are aided in finding out for themselves by means of the dictionary pictures. Continue working in a directed group throughout the page. After working out the first few pages in this manner the majority of the pupils will be able to continue unaided. Very slow pupils may be directed until they show ability to continue without assistance. When a question arises, be sure

to urge the pupil to use the references provided for his assistance; do not allow him to depend on the teacher.

On the inside of the back cover is a counting and number-writing chart to be used as a reference while mastering these skills. Pupils may be directed to read and copy the last column when learning to count by 10's and the fifth and last columns when learning to count by 5's.

When the pupils reach page 18, they may need to have the take-away process explained anew and demonstrated. On pages 19 and 20 the use of the plus and minus signs is introduced. Let the pupil say "and" for the plus sign and "take away" for the minus sign. Thus the plus sign and "take away" for the minus sign. Thus $\frac{1}{2} + 1$ will be read, "One and one are two"; $\frac{2}{1} - 1$ will be read, "Two take away one leaves one."

On pages 95 and 96 will be found a dictionary of all combinations used in the book. The teacher is urged to have pupils use this dictionary when in doubt about an answer to a review combination. (Answers to newly introduced combinations can be found on the same page where they first appear.) Such a practice will eliminate all need for counting and the practice of error. A little experience will enable the pupils to find combinations in this dictionary readily.

If the references provided are used by the pupil—as they will be if the child properly understands their purpose—every question which may arise can be answered by the pupil through his own efforts. The independence and initiative which are thus developed are invaluable.

The pack cards supply individual pupils with a handy means for drilling on their specific individual difficulties. These cards may be used also for group games, some of which are suggested.

The "races" appearing after Pack 2 are merely pictographs of the results of the tests which appear below each race illustration. They serve to show the child his relative degree of mastery of the number facts given (in terms of his understanding) and help motivate complete mastery.

Models for number writing appear throughout this book in printed form only because of the varied types of handwriting used in different school systems; therefore a chart showing the desired hand-written number forms should be placed on the blackboard or posted where it is visible to pupils at all times. The printed form should appear with the hand-written one, to serve as a key, like this:

1	2	3	4	5	6	7	8	9	10
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>	<i>7</i>	<i>8</i>	<i>9</i>	<i>10</i>

The numbers on the heavy page at the front of the book may be used as models if the style conforms to that required in your city.

ACKNOWLEDGMENTS

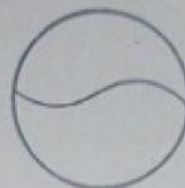
The authors make grateful acknowledgments to Flournoy B. Clark, Mildred Clark Scott, and Bana Edwards for active assistance in the preparation of the manuscript for this book and to Carl Strang for valuable criticism.

Copyright, 1925,
By THE MAUSILLAN COMPANY

All rights reserved—under this law the above copyright protects the owner against copying by any person whatsoever, for any purpose whatsoever, any part of the contents of this book.

Set up and electrotyped. Published October, 1925. Reprinted April, September, 1926; February, June, December, 1927; September, December, 1928.

one ball



1 ball

Color 1 ball red.



Draw 1 ball. _____

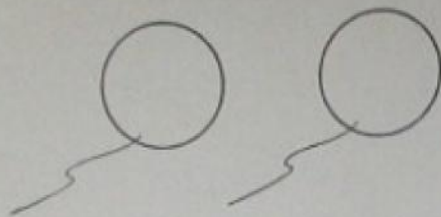
Color 1 ball blue.

Draw one ball. _____

Color one ball orange.

Copyright, 1925, by The Mausillan Company

two balloons



2 balloons

Color 2 balloons red.

Draw 2 balloons. _____

Color 2 balloons green.

Draw two balloons. _____

Color two balloons orange.

three balls



3 balls

Color 3 balls blue.

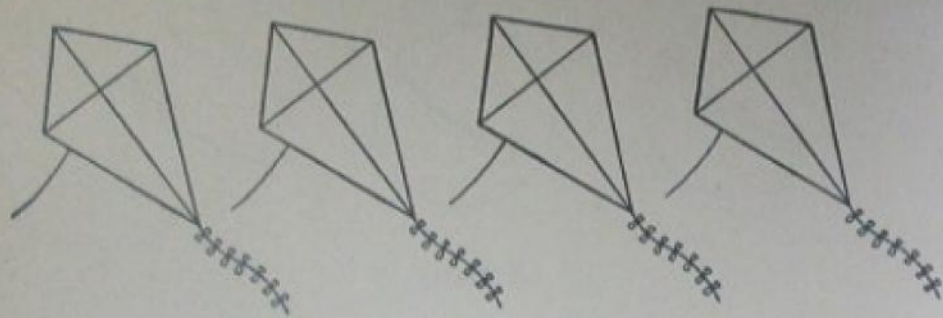
Draw 3 balls. _____

Color three balls orange.

Draw three balls.

Color three balls green.

four kites



4 kites

Color 4 kites orange.

Draw 4 kites.

Color four kites red.

five trees



5 trees

Color 5 trees green.

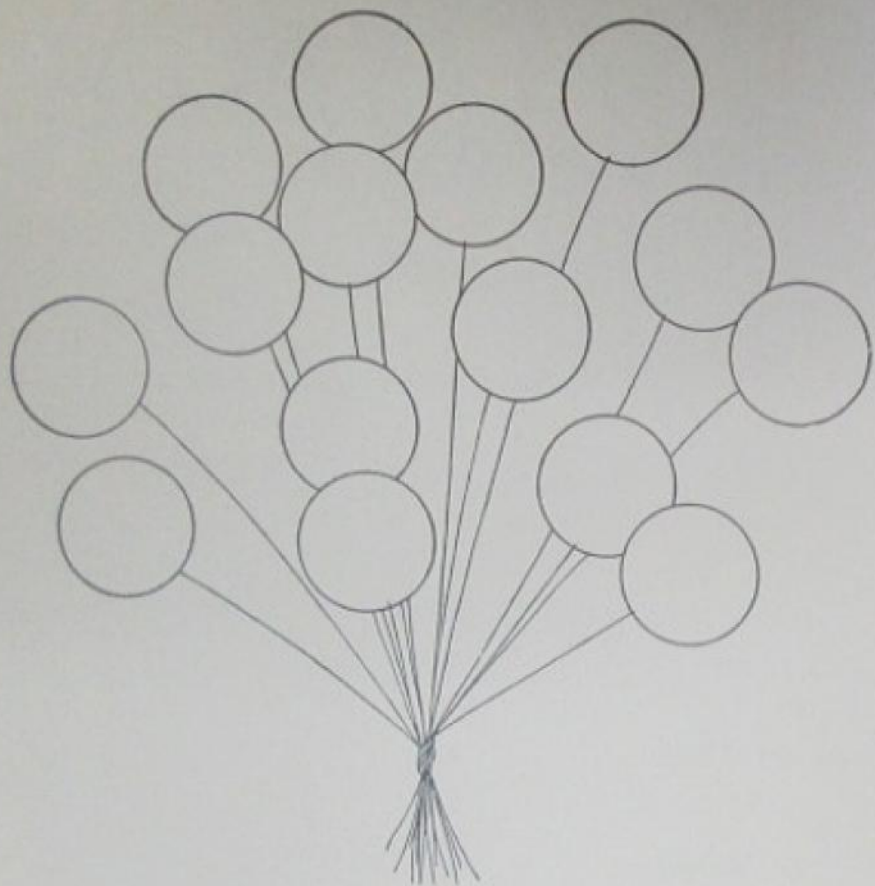
Draw 5 trees. _____

Color 5 trees green.

Draw five balloons.

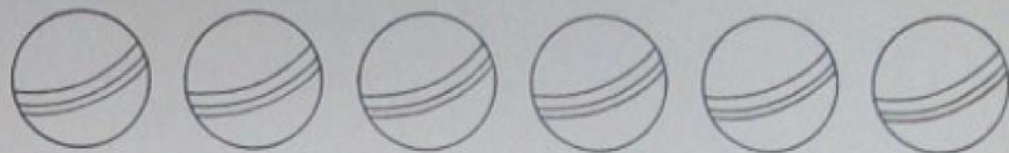
Color five balloons brown.

balloons



- Color 1 balloon brown.
- Color 3 balloons green.
- Color 5 balloons orange.
- Color 4 balloons blue.
- Color 2 balloons red.

six balls



6 balls

Color six balls blue.

Draw six balls.

Color 6 balls orange.

seven trees



7 trees

Color 7 trees brown.

Draw seven trees.

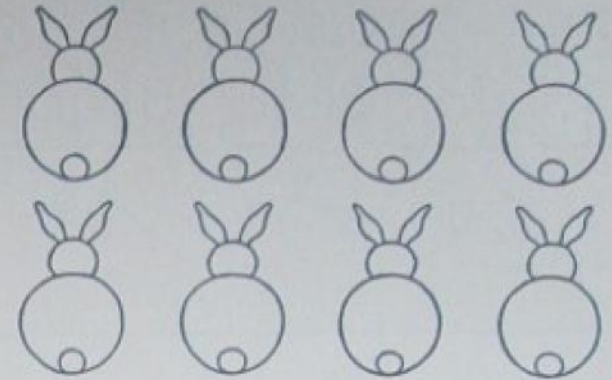
Draw 6 kites.

Color 6 kites green.

Color 7 trees brown.

Copyright, 1955, by The Macmillan Company

eight rabbits



8 rabbits

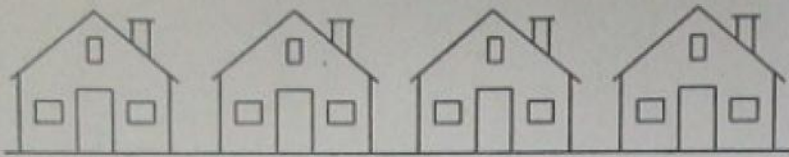
Color 8 rabbits brown.

Draw eight rabbits.

Color 8 rabbits black.

Copyright, 1955, by The Macmillan Company

nine houses



9 houses

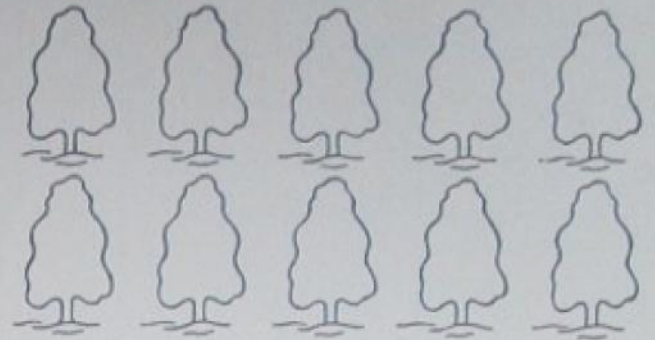
Color 9 houses green.

Draw nine houses.

Color 9 houses brown.

Copyright, 1950, by The Macmillan Company

ten trees



10 trees

Color 10 trees green and brown.

Draw ten trees.

Color 10 trees orange and red.

Copyright, 1950, by The Macmillan Company

Write:

1	2	3	4	5	6	7	8	9	10

1	2	3	4	5	6	7	8	9	10

Write:

11	12	13	14	15	16	17	18	19	20

11	12	13	14	15	16	17	18	19	20

TO THE TEACHER: Individual pupils who need more drill in writing the numbers above should be directed to write them on a separate sheet of paper. This should be repeated in each case until the pupil has acquired the desired skill. A model of handwritten number forms should be visible to the pupil at all times, as suggested in the introductory notes to the teacher. The models on the heavy paper at the front of the book may be used if they conform in style to that used in your city.

6
7
8
9
10



TO THE TEACHER: Instruct the pupils to draw a line from the numbers to the pictures that match them. This test should be given under the teacher's direction in order that she may observe the readiness with which the child recognizes number groups and may supply activities to strengthen concepts of groups not quickly recognized.

TO THE TEACHER

The pack cards supplied on the heavy pages are to be torn out, separated, and kept together by a rubber band. The pupil will use them for individual self-drill. Give the pupil the following directions:

"Take your pack of cards. Look at the side of the card that has no answer; think the answer. Then turn the card over and see if your answer was right. If you thought of the right answer, put the card in one pile; if your answer was wrong, put the card in another pile.

"When you have finished, you will have two piles of cards: one pile of cards that you know and one pile of those that you do not know. Go through the cards that you do not know again and see if you can put some of them in the pile that you know. See how soon you can get all the cards in the pile that you know."

Pupils also enjoy working in pairs, each flashing the cards for the other in turn.

Many group games may be played with these cards. Some are suggested here; others may be devised by the teacher.

The first pack tests number concepts; all others test combinations. All pack cards must be flashed fast enough that the pupil cannot count; if the child hesitates, turn the card and show the answer.

For written work the pupil should place the cards in a pack, the side without answers up. He should copy the top combination neatly on a sheet of paper and write the answer which he thinks. Then, before proceeding to the next combination, he should turn the card and check the answer which he has just written. This will avoid all practice of error in written work.

When children first begin to write the combinations, they have difficulty in spacing them properly on the page. Teach them to fold a sheet of paper four times (creasing carefully), thus making sixteen uniform spaces. Direct them to write one combination in each space. Soon they will develop enough sense of balance to write the combinations without folding the paper.

TENTINS

This game is to be used after Pack 2 is reached.

Stand ten ordinary cardboard mailing tubes on the floor. A pupil rolls a soft ball toward the tubes, knocking down as many as possible. The pupil allows the fallen tubes to remain down and rolls the ball again. He then adds the number that fell the first time to the number that fell the second time. This is his score. The winner is the pupil who holds high score.

TOM'S TEAM	110111010	1110010	10010	0011110
MARY'S TEAM	0111100	1011110110	1001111110	

Other objects that can be made to stand on end may be substituted for the mailing tubes.

AN AIRPLANE RIDE

This game is to be used after Pack 2 is reached.

Place chairs in a double row to simulate seats in an airplane. One pupil is chosen as the traffic man. Another may sell tickets.

The remaining pupils who desire to ride in the plane must first "buy" their tickets. They go to the ticket seller, who shows each of them a pack card. If they give the correct answer to the combination on it, they get the card to use as a ticket.

When the passenger boards the plane, he presents his ticket to the traffic man. The traffic man must give the correct answer to the combination on the ticket card. If he cannot do so, he loses his job and the passenger presenting the ticket becomes traffic man in his stead.

BASEBALL

This is a game which is greatly enjoyed by the children and is worth the time required to teach it. It is well for the teacher to act as umpire until the game is thoroughly understood by the children.

Two captains are named, and these choose sides. A pitcher and a catcher are chosen for each side. A score-keeper records the score.

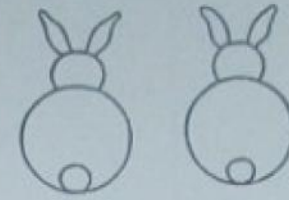
One side is "in," and pupils on that side "come to bat" in turn. The pitcher on the opposite side flashes a pack card for the batter. If the batter answers correctly, the umpire calls, "First base!" If not, the umpire calls, "Strike one!" and the catcher of the opposite side gives the correct answer if possible, which puts the batter "out." If the batter answers four successive cards correctly (first, second, and third bases and home), he makes a home run for his side and it is recorded in the score. If he is caught out by the catcher or strikes out (three wrong responses), a zero is scored against his side; and three outs call for a change of sides at bat. The pack cards may be enlarged for large groups.

A typical scoreboard for a baseball game may look something like the one at the bottom of this page.

The class may be permanently divided into two teams and a record kept of the games won by each team. In order to help their side win, more apt pupils will drill slower ones in spare moments.

Pack 1	Pack 1	Pack 1	Pack 1
8	10	7	3
Pack 1	Pack 1	Pack 1	Pack 1
10	8	9	5
Pack 1	Pack 1	Pack 1	Pack 1
10	7	5	9
Pack 1	Pack 1	Pack 1	Pack 1
9	6	4	6

two rabbits



2 rabbits

Color 1 rabbit brown. Color 1 rabbit black.

1 rabbit and 1 rabbit are 2 rabbits.

1 rabbit and 1 rabbit are ____ rabbits.

One rabbit and one rabbit are two rabbits.

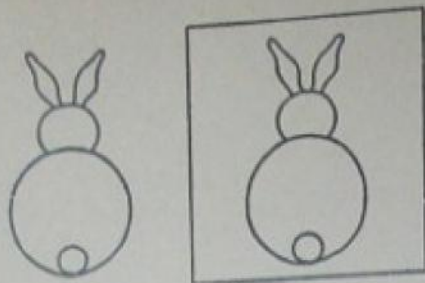


Draw one rabbit. _____

Color two rabbits brown.

One rabbit and one rabbit are ____ rabbits.

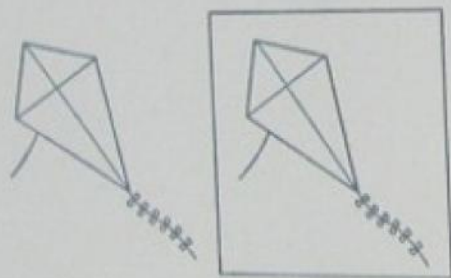
two rabbits



Color two rabbits brown.

Take away one rabbit.

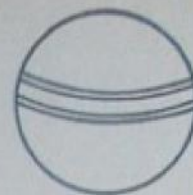
One rabbit is left.



2 kites

Color 2 kites orange.

Take away 1 kite. _____ kite is left.



Draw 1 ball. _____

Color 2 balls blue.

1 ball and 1 ball are ____ balls.

1 ball and 1 ball are 2 balls.

1 and 1 are 2.

1 and 1 are ____

$$\text{and } \frac{1}{2} \quad \text{and } \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2}$$

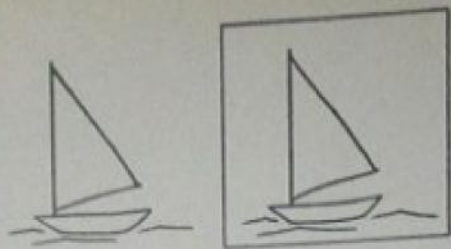
$$\frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2}$$

One and one are ____

1 and ____ are 2.

$$\text{and } \frac{1}{2} \quad \frac{1}{2} \quad \frac{1}{2} \quad \text{and } \frac{1}{2} \quad \frac{1}{2}$$

$$\frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2} \quad \frac{+1}{2}$$



two boats

Color two boats green.

Take away 1 boat.

1 boat is left.

$$\begin{array}{r} 2 \\ \text{take away } \frac{1}{1} \end{array}$$

$$\begin{array}{r} 2 \\ \text{take away } \frac{1}{1} \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ \text{take away } \frac{1}{1} \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

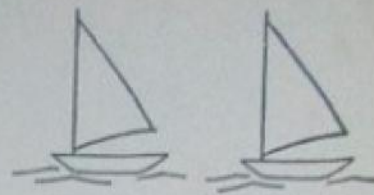
$$\begin{array}{r} 1 \\ \text{and } \frac{1}{2} \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ \text{take away } \frac{1}{1} \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$



Draw one boat. _____

Color three boats red.

One boat and two boats are three boats.

1 and 2 are ____.

1 and 2 are 3.

$$\begin{array}{r} 1 \\ \text{and } \frac{2}{3} \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$$



Draw two rabbits. _____

Color three rabbits black.

Two rabbits and one rabbit are ____ rabbits.

$$\begin{array}{r} 2 \\ \text{and } \frac{1}{3} \end{array}$$

$$\begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 2 \\ \text{take away } \frac{1}{1} \end{array}$$

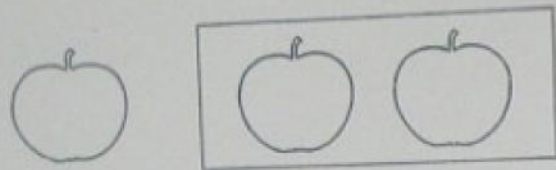
$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$



three apples

Color three apples green.
Take away one apple.

$$\begin{array}{r} 3 \\ \text{take away } \frac{1}{2} \\ \hline 3 \\ -1 \\ \hline \end{array}$$



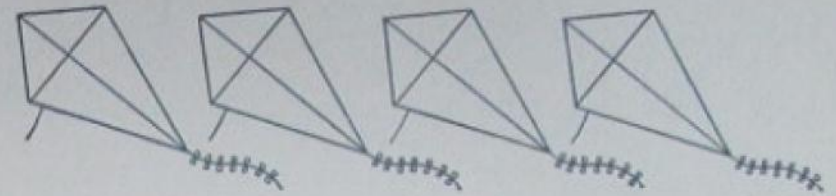
Color 3 apples red.
Take away 2 apples.

$$\begin{array}{r} 3 \\ \text{take away } \frac{2}{1} \\ \hline 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

four kites



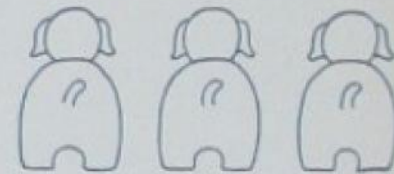
Color 3 kites orange. Color 1 kite red.

Three kites and one kite are ___ kites.

3 kites and 1 kite are ___ kites.

3 and 1 are 4. ___ and 1 are 4.

Draw 1 dog. _____

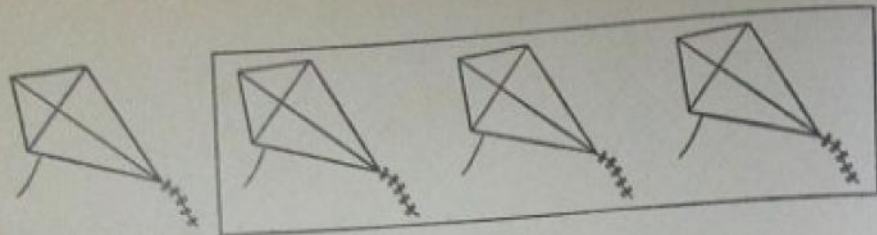


Color 4 dogs brown.

1 dog and 3 dogs are ___ dogs.

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

$$\begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$



Color four kites green.

Take away 3 kites.

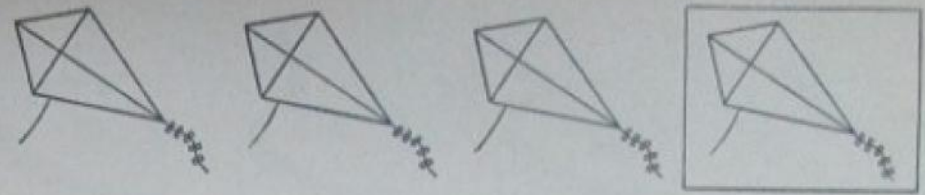
___ kite is left.

$$\begin{array}{r} 4 \\ \text{take away } 3 \\ \hline 1 \end{array} \qquad \begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$



Color 4 kites blue.

Take away one kite.

___ kites are left.

$$\begin{array}{r} 4 \\ \text{take away } 1 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

four balls



Color two balls blue. Color 2 balls orange.

2 balls and 2 balls are ___ balls.

$$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$$

2 and 2 are 4.



Draw 2 dogs. _____

Color four dogs black.

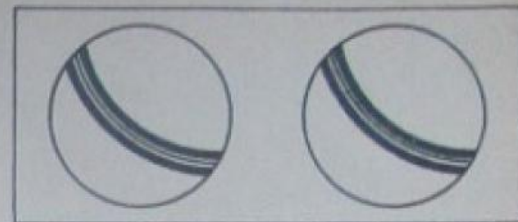
$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

2 dogs and ___ dogs are 4 dogs.

1 dog and 1 dog are ___ dogs.

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

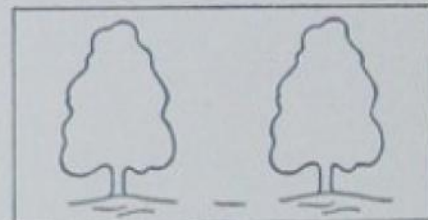
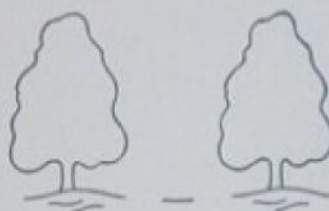
2 dogs and 2 dogs are ___ dogs.



Color four balls orange.

Take away two balls.

___ balls are left.

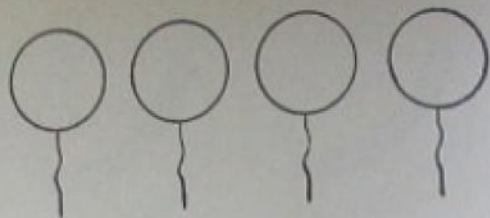


Color 4 trees orange and brown.

Take away 2 trees.

___ trees are left.

$$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$



Draw 1 balloon. _____

Color 5 balloons blue and green.

1 balloon and 4 balloons are _____ balloons.

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

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



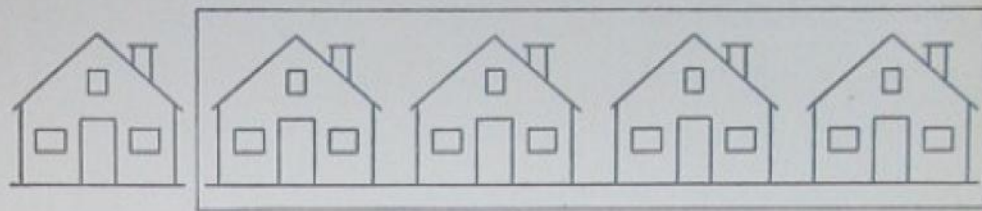
Draw 4 balloons. _____

Color five balloons red and green.

Four balloons and one balloon are _____ balloons.

$$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array}$$



Color five houses green.

Take away four houses.

_____ house is left.

$$\begin{array}{r} 5 \\ -4 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array}$$

Write:

1	2	3	4	5	6	7	8	9	10

11	12	13	14	15	16	17	18	19	20

21	22	23	24	25	26	27	28	29	30

31	32	33	34	35	36	37	38	39	40

41	42	43	44	45	46	47	48	49	50

TO THE TEACHER: See the directions on page 14.

Copyright, 1951, by The McGraw-Hill Company

$$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$$

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

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +2 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -4 \\ \hline \end{array}$$

Pack 2

$$\begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array}$$

Pack 2

$$\begin{array}{r} 2 \\ -1 \\ \hline 1 \end{array}$$

Pack 2

$$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$$

Pack 2

$$\begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$$

Pack 2

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

Pack 2

$$\begin{array}{r} 3 \\ -1 \\ \hline 2 \end{array}$$

Pack 2

$$\begin{array}{r} 3 \\ -2 \\ \hline 1 \end{array}$$

Pack 2

$$\begin{array}{r} 1 \\ +2 \\ \hline 3 \end{array}$$

Pack 2

$$\begin{array}{r} 2 \\ +2 \\ \hline 4 \end{array}$$

Pack 2

$$\begin{array}{r} 4 \\ -3 \\ \hline 1 \end{array}$$

Pack 2

$$\begin{array}{r} 4 \\ -1 \\ \hline 3 \end{array}$$

Pack 2

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

Pack 2

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

Pack 2

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

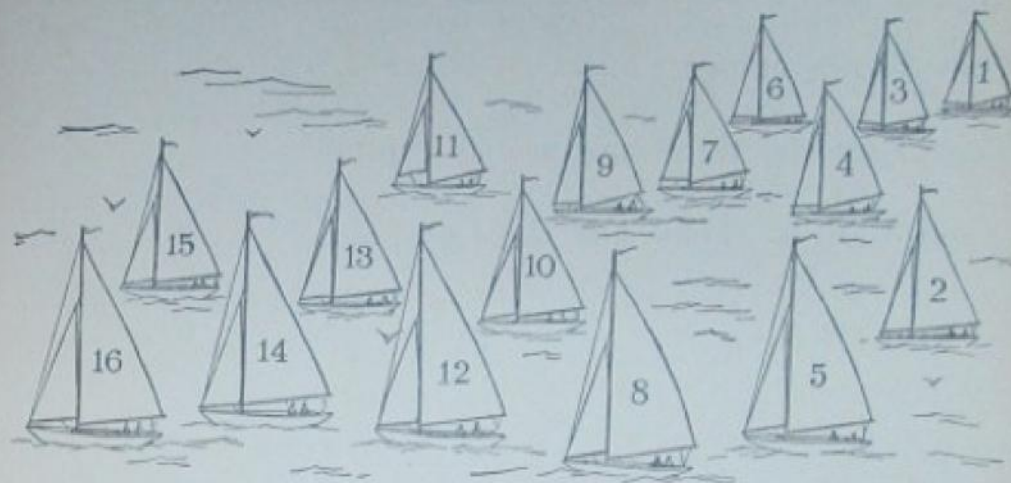
Pack 2

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

Pack 2

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

Sailboat Race



$$\begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array}$$

Score _____

TO THE TEACHER: The races are pictographs which show the child his relative degree of mastery of the number facts in the test which appears on the same page. Let the pupil take the test under your supervision; he should not consult any references while taking it. His score will be the number of correct responses. Direct him, in connection with this lesson, to find and color the boat whose number matches his score. This will be his boat, and he can see by the picture whether or not he won the race. Other races are provided on pages 49, 65, 78, 81, and 90.

Draw 3 cups.



Color 6 cups orange.

Three cups and three cups are six cups.

3 and 3 are 6. Three and three are ____.

$$\begin{array}{r} 3 \quad 3 \\ +3 \quad +3 \\ \hline 6 \quad 6 \end{array}$$

3 and 3 are ____.

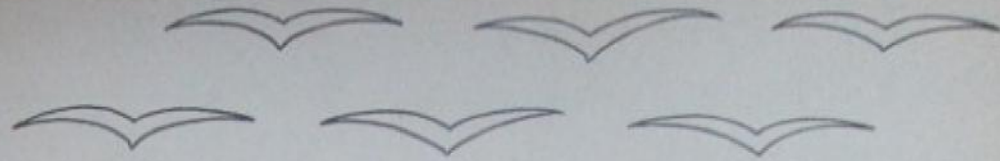
Draw 6 apples.

Color six apples.

$$\begin{array}{r} 6 \quad 6 \quad 6 \\ -3 \quad -3 \quad -3 \\ \hline 3 \end{array}$$

Take away 3 apples.

$$\begin{array}{r} 4 \quad 6 \quad 3 \quad 4 \quad 5 \quad 3 \quad 5 \quad 6 \\ -1 \quad -3 \quad +3 \quad -2 \quad -1 \quad +3 \quad -4 \quad -3 \end{array}$$



six birds

Color five birds brown.

$$\begin{array}{r} 5 \quad 1 \quad 5 \\ +1 \quad +5 \quad +1 \\ \hline 6 \quad 6 \quad 6 \end{array}$$

Color one bird blue.

Five and one are six.

$$\begin{array}{r} 1 \quad 1 \quad 5 \\ +5 \quad +5 \quad +1 \\ \hline 6 \quad 6 \quad 6 \end{array}$$

One and five are six.

1 and 5 are ____.

5 and 1 are ____.

Draw 6 apples.

Color six apples red.

$$\begin{array}{r} 6 \quad 6 \quad 6 \\ \text{take away } 1 \quad -1 \quad -1 \\ \hline 5 \end{array}$$

Take away 1 apple.

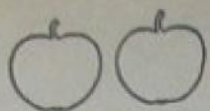
Draw 6 apples.

Color six apples green.

$$\begin{array}{r} 6 \quad 6 \quad 6 \\ -5 \quad -5 \quad -5 \\ \hline 1 \end{array}$$

Take away 5 apples.

Draw 4 apples.

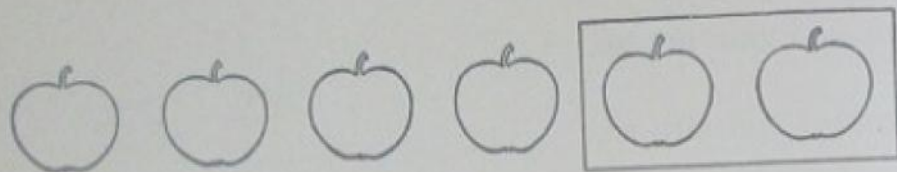


Color 6 apples green.

$$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array} \qquad \begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$$

2 and 4 are ____ . 2 and 4 are ____ .

4 and 2 are ____ . 4 and 2 are ____ .

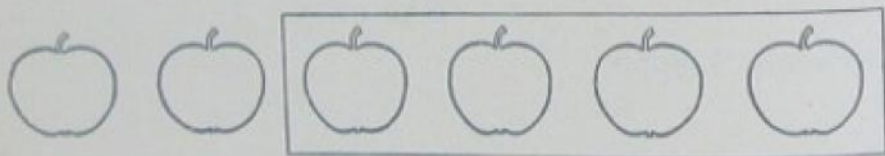


6 apples

Color 6 apples red.

$$\begin{array}{r} 6 \\ \text{take away } 2 \\ \hline 4 \end{array} \qquad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

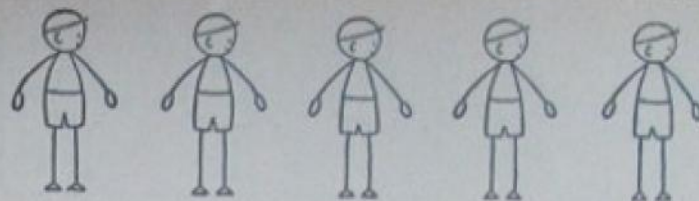
Take away 2 apples.



Color 6 apples green.

$$\begin{array}{r} 6 \\ \text{take away } 4 \\ \hline 2 \end{array} \qquad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \qquad \begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

Take away 4 apples.



5 boys

Color 3 boys blue.

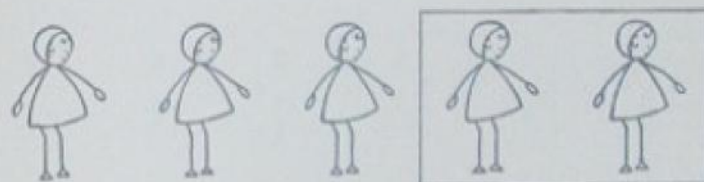
$$\begin{array}{r} 3 \\ +2 \\ \hline 5 \end{array} \qquad \begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array} \qquad \begin{array}{r} 3 \\ +2 \\ \hline \end{array} \qquad \begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

Color 2 boys orange.

Three and two are five.

Two and three are five.

3 and 2 are ____ . 2 and 3 are ____ .

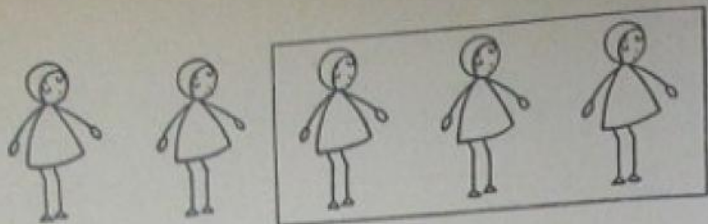


five girls

Color 5 girls.

$$\begin{array}{r} 5 \\ -2 \\ \hline 3 \end{array} \qquad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \qquad \begin{array}{r} 5 \\ -2 \\ \hline \end{array}$$

Take away 2 girls.



Color 5 girls.

Take away 3 girls.

$$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 1 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70

1	2	3				7			
11		13						19	
	22						28		
			34						40
41						46			
		53					57		
				65					

To the teacher: Direct the pupil to fill in the missing numbers. The top of this page and page 32 may be used for reference.

$$\begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array}$$

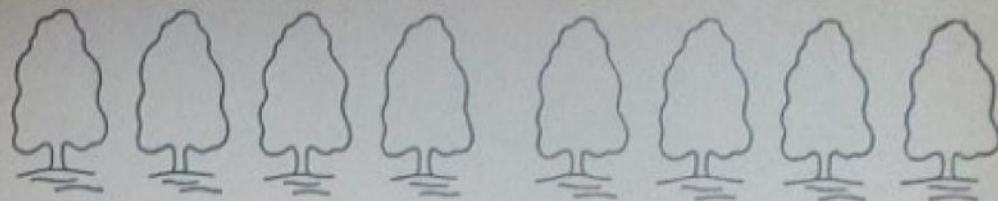
$$\begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 1 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array}$$



eight trees

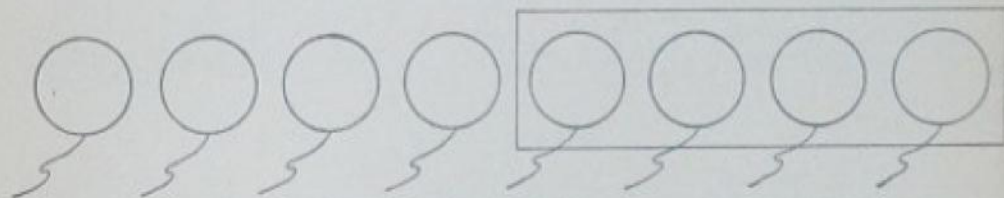
Color four trees green. Color 4 trees brown.

Four trees and four trees are eight trees.

4 trees and 4 trees are 8 trees.

Four and four are _____. 4 and 4 are _____.

$$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \text{and} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$$



Color 8 balloons. Take away 4 balloons.

$$\begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \text{take away} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \quad \begin{array}{r} 5 \\ -4 \\ \hline 1 \end{array}$$

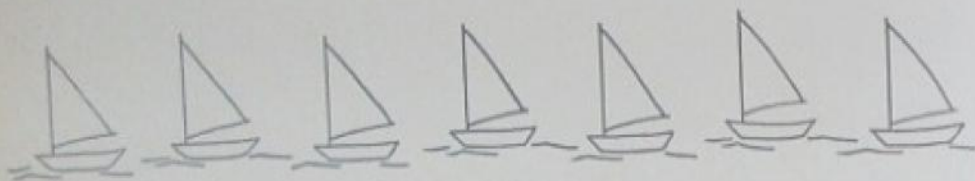
Draw 7 kites.

Color 6 kites orange. Color 1 kite red.

6 and 1 are 7.

$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$
--	--	--	--

6 and 1 are _____



seven boats

Color one boat blue. Color six boats green.

1 and 6 are 7. 1 and 6 are _____

$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$
--	--

$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline 4 \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$
--	--	--	--	--	--	--	--

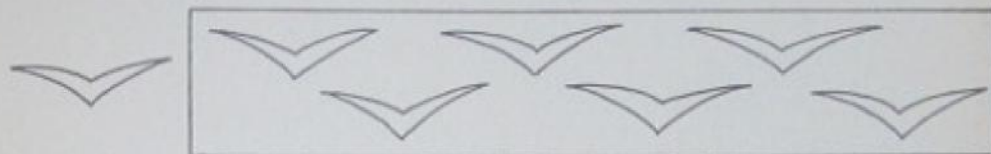


7 cats

Color 7 cats red.

$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$
--	--

Take away 1 cat.



seven birds

Color seven birds blue.

$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$
--	--

Take away six birds.

$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ -1 \\ \hline 3 \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline 2 \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline 2 \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$
--	--	--	--	--	--	--	--



eight dogs

Color 7 dogs black. Color 1 dog brown.

7 dogs and 1 dog are 8 dogs.

7 and 1 are 8. 7 and 1 are _____.

$$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array}$$



Draw 7 tops.

Color 8 tops red. 1 top and 7 tops are 8 tops.

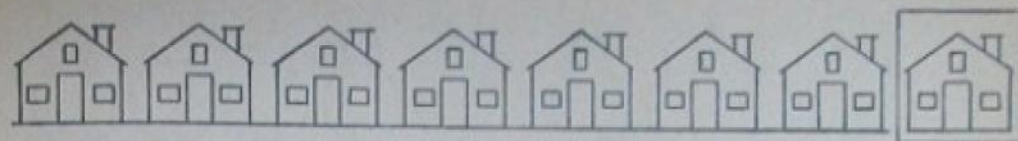
1 and 7 are 8.

$$\begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array} \qquad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$$

1 and 7 are _____.

$$\begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array} \qquad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array} \qquad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \qquad \begin{array}{r} 3 \\ +1 \\ \hline 4 \end{array} \qquad \begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array} \qquad \begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array} \qquad \begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array} \qquad \begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array} \qquad \begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 5 \\ -1 \\ \hline 4 \end{array} \qquad \begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array} \qquad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$$



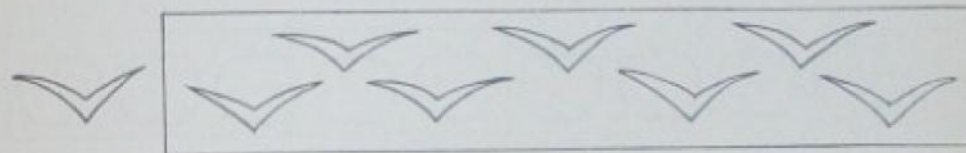
8 houses

Color eight houses brown.

Take away one house.

$$\begin{array}{r} 8 \\ \text{take away } \frac{1}{7} \\ \hline 7 \end{array} \qquad \begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array}$$

$$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array} \qquad \begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 2 \\ +1 \\ \hline 3 \end{array} \qquad \begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$$



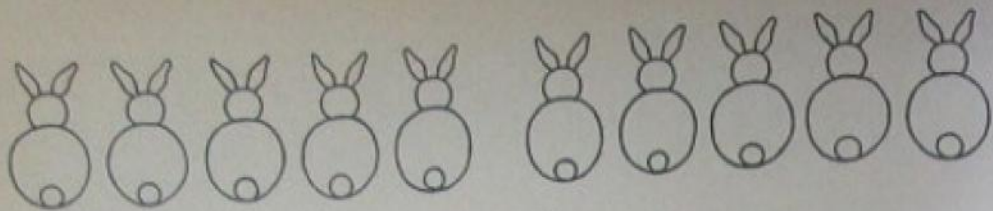
eight birds

Color 8 birds blue.

Take away 7 birds.

$$\begin{array}{r} 8 \\ \text{take away } \frac{7}{1} \\ \hline 1 \end{array} \qquad \begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array} \qquad \begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array} \qquad \begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array} \qquad \begin{array}{r} 1 \\ +4 \\ \hline 5 \end{array} \qquad \begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array} \qquad \begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array} \qquad \begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array} \qquad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$$



ten rabbits

Color five rabbits black.

Color five rabbits brown.

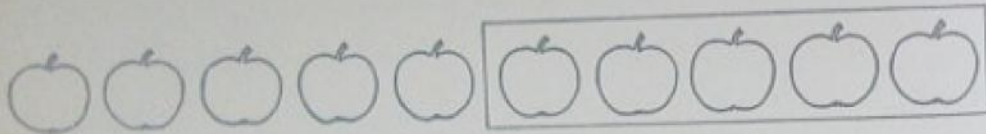
$$\begin{array}{r} 5 \\ \text{and } 5 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$$

Five rabbits and five rabbits are ten rabbits.

5 and 5 are 10.

5 and 5 are ____.

$$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$$



10 apples

Color 10 apples green.

Take away 5 apples.

$$\begin{array}{r} 10 \\ \text{take away } 5 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array} \quad \begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$$



Color 8 cups blue.

Color 1 cup green.

$$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$$

8 cups and 1 cup are 9 cups.

8 and 1 are 9. 8 and 1 are ____.

$$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$$



Draw 8 houses.



Color 9 houses brown.

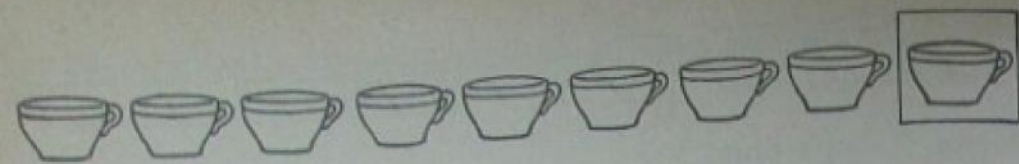
1 house and 8 houses are 9 houses.

$$\begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array} \quad \begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array}$$

1 and 8 are 9.

1 and 8 are ____.

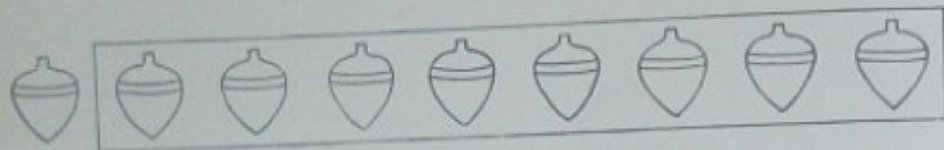
$$\begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array}$$



nine cups

Color nine cups blue.
Take away one cup.

$$\begin{array}{r} 9 \\ \text{take away } \frac{1}{8} \\ \hline 8 \end{array} \qquad \begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array}$$



9 tops

Color 9 tops orange.
Take away 8 tops.

$$\begin{array}{r} 9 \\ \text{take away } \frac{8}{1} \\ \hline 1 \end{array} \qquad \begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array} \quad \begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array} \quad \begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 1 \\ +5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$$

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

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

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

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

Pack 3

Pack 3

Pack 3

$$\begin{array}{r} 6 \\ -3 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 3 \\ +3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$$

Pack 3

Pack 3

Pack 3

Pack 3

$$\begin{array}{r} 6 \\ -5 \\ \hline 1 \end{array}$$

$$\begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 1 \\ +5 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 5 \\ +1 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$$

Pack 3

Pack 3

Pack 3

Pack 3

$$\begin{array}{r} 6 \\ -4 \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ -2 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 4 \\ +2 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$$

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

Pack 3

Pack 3

Pack 3

Pack 3

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

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

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

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

$$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$$

Pack 4

$$\begin{array}{r} 1 \\ +6 \\ \hline 7 \end{array}$$

Pack 4

$$\begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$$

Pack 4

$$\begin{array}{r} 4 \\ +4 \\ \hline 8 \end{array}$$

Pack 4

$$\begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array}$$

Pack 4

$$\begin{array}{r} 7 \\ -6 \\ \hline 1 \end{array}$$

Pack 4

$$\begin{array}{r} 7 \\ -1 \\ \hline 6 \end{array}$$

Pack 4

$$\begin{array}{r} 6 \\ +1 \\ \hline 7 \end{array}$$

Pack 4

$$\begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array}$$

Pack 4

$$\begin{array}{r} 8 \\ -7 \\ \hline 1 \end{array}$$

Pack 4

$$\begin{array}{r} 8 \\ -1 \\ \hline 7 \end{array}$$

Pack 4

$$\begin{array}{r} 7 \\ +1 \\ \hline 8 \end{array}$$

Pack 4

$$\begin{array}{r} 9 \\ -8 \\ \hline 1 \end{array}$$

Pack 4

$$\begin{array}{r} 9 \\ -1 \\ \hline 8 \end{array}$$

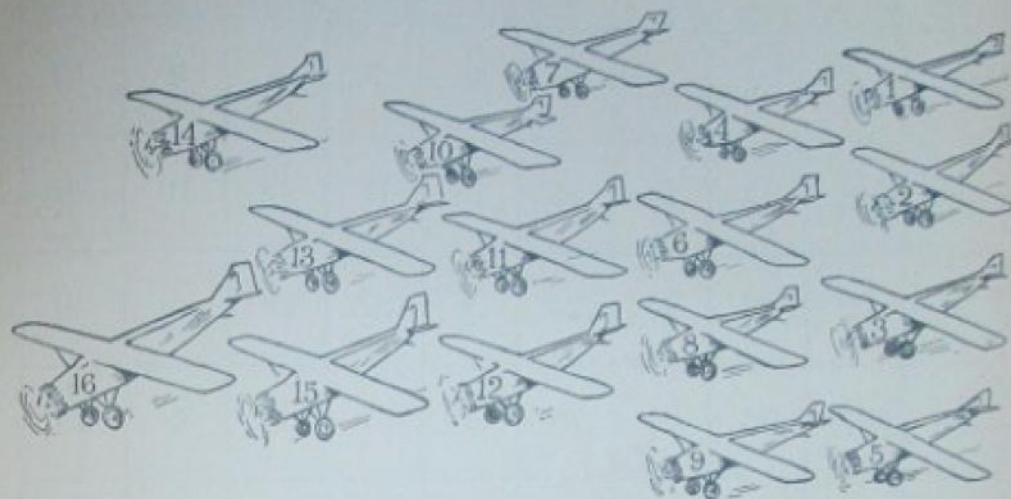
Pack 4

$$\begin{array}{r} 8 \\ +1 \\ \hline 9 \end{array}$$

Pack 4

$$\begin{array}{r} 1 \\ +8 \\ \hline 9 \end{array}$$

Airplane Race



$$\begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 1 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array}$$

Score _____

TO THE TEACHER: See the instructions on page 33.

Copyright, 1964, by The McGraw-Hill Companies
49

$$\frac{1}{+1} \quad \frac{1}{+2} \quad \frac{5}{+6} \quad \frac{+3}{6} \quad \frac{6}{-3} \quad \frac{5}{-4}$$

$$\frac{3}{+2} \quad \frac{-3}{1} \quad \frac{2}{-1} \quad \frac{6}{-2} \quad \frac{+1}{4} \quad \frac{4}{-2}$$

$$\frac{6}{-1} \quad \frac{1}{+6} \quad \frac{+3}{5} \quad \frac{5}{-1} \quad \frac{1}{+3} \quad \frac{6}{-4}$$

$$\frac{2}{+3} \quad \frac{+2}{4} \quad \frac{5}{-3} \quad \frac{5}{-2} \quad \frac{+3}{4} \quad \frac{4}{+6}$$

$$\frac{3}{-1} \quad \frac{3}{-2} \quad \frac{-1}{3} \quad \frac{+1}{5} \quad \frac{1}{+5} \quad \frac{2}{+6}$$

Write:

1	2	3	4		6	7	8	9	
11	12	13	14		16	17	18	19	
21	22	23	24		26	27	28	29	
31	32	33	34		36	37	38	39	
41	42	43	44		46	47	48	49	
51	52	53	54		56	57	58	59	
61	62	63	64		66	67	68	69	
71	72	73	74		76	77	78	79	
81	82	83	84		86	87	88	89	
91	92	93	94		96	97	98	99	

To THE TEACHER: Direct the pupil to fill in the missing numbers.

To THE TEACHER: Instruct the pupil to write the missing numbers.

Write:

5	10	15	20	25	30	35	40	45	50

55	60	65	70	75	80	85	90	95	100

5	10	15	20	25	30	35	40	45	50

55	60	65	70	75	80	85	90	95	100

TO THE TEACHER: The pupil should continue this exercise until he is able to count by 5's to 100.

$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$
--	---	--	--	--	--	--	--

$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$
--	--	--	--	--	--	---	--

$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -7 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -5 \\ \hline \end{array}$
--	--	--	--	--	--	--	---

$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$$\begin{array}{r} 1 \\ + \\ \hline 2 \end{array} \quad \begin{array}{r} 3 \\ - \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 3 \end{array} \quad \begin{array}{r} 2 \\ + \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ + \\ \hline 3 \end{array}$$

$$\begin{array}{r} 1 \\ + \\ \hline 4 \end{array} \quad \begin{array}{r} 3 \\ + \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ - \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 4 \end{array}$$

$$\begin{array}{r} 5 \\ + \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ + \\ \hline 6 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ - \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ - \\ \hline 5 \end{array} \quad \begin{array}{r} 4 \\ + \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ + \\ \hline 5 \end{array} \quad \begin{array}{r} 6 \\ - \\ \hline 2 \end{array}$$

$$\begin{array}{r} 6 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 2 \\ + \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 3 \end{array} \quad \begin{array}{r} 4 \\ + \\ \hline 8 \end{array} \quad \begin{array}{r} 6 \\ + \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 2 \end{array} \quad \begin{array}{r} 8 \\ - \\ \hline 4 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 7 \end{array}$$

$$\begin{array}{r} 8 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ + \\ \hline 8 \end{array} \quad \begin{array}{r} 9 \\ - \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ - \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ - \\ \hline 8 \end{array} \quad \begin{array}{r} 7 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 1 \\ + \\ \hline 8 \end{array}$$

$$\begin{array}{r} 8 \\ + \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ - \\ \hline 1 \end{array} \quad \begin{array}{r} 10 \\ - \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ + \\ \hline 10 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 3 \end{array} \quad \begin{array}{r} 6 \\ - \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ + \\ \hline 6 \end{array} \quad \begin{array}{r} 5 \\ - \\ \hline 2 \end{array}$$

TO THE TEACHER: Instruct the pupil to write the missing numbers.

Write:

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	
21	22	23	24	25	26	27	28	29	
31	32	33	34	35	36	37	38	39	
41	42	43	44	45	46	47	48	49	
51	52	53	54	55	56	57	58	59	
61	62	63	64	65	66	67	68	69	
71	72	73	74	75	76	77	78	79	
81	82	83	84	85	86	87	88	89	
91	92	93	94	95	96	97	98	99	

TO THE TEACHER: Direct the pupil to fill in the missing numbers.

Write:

10	20	30	40	50	60	70	80	90	100

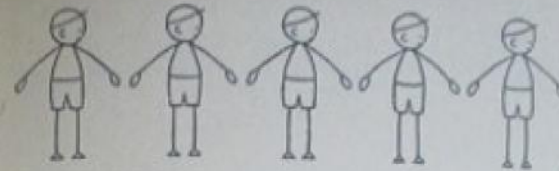
10	20	30	40	50	60	70	80	90	100

10	20	30	40	50	60	70	80	90	100

10	20	30	40	50	60	70	80	90	100

TO THE TEACHER: The pupil should continue this exercise until he is able to count by 10's to 100.

Draw four boys.



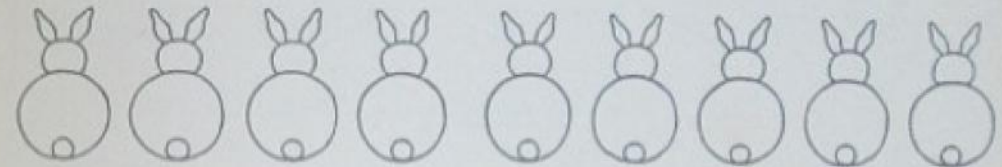
Color 9 boys blue.

Five boys and four boys are 9 boys.

5 and 4 are 9. 5 and 4 are ____.

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

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$



9 rabbits

Color 4 rabbits brown. Color 5 rabbits black.

4 and 5 are 9.

4 and 5 are ____.

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

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +4 \\ \hline \end{array}$$

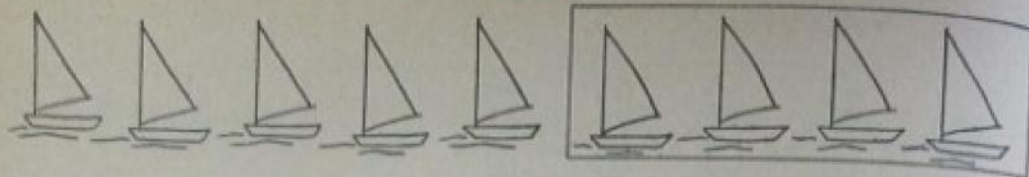
$$\begin{array}{r} 6 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -1 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +1 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

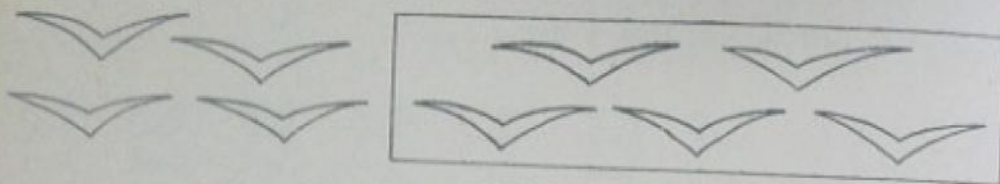


nine boats

Color nine boats red.

Take away four boats.

$$\begin{array}{r} 9 \quad 9 \\ \text{take away } \underline{4} \quad \underline{-4} \\ 5 \end{array}$$



9 birds

Color 9 birds blue.

Take away 5 birds.

$$\begin{array}{r} 9 \quad 9 \\ \text{take away } \underline{5} \quad \underline{-5} \\ 4 \end{array}$$

$$\begin{array}{r} 9 \quad 9 \quad 4 \quad 9 \quad 5 \quad 9 \quad 9 \quad 9 \\ \underline{-4} \quad \underline{-5} \quad \underline{+5} \quad \underline{-4} \quad \underline{+4} \quad \underline{-5} \quad \underline{-4} \quad \underline{-5} \end{array}$$

$$\begin{array}{r} 4 \quad 3 \quad 4 \quad 7 \quad 7 \quad 5 \quad 8 \quad 7 \\ \underline{-3} \quad \underline{+3} \quad \underline{+2} \quad \underline{-1} \quad \underline{-6} \quad \underline{+4} \quad \underline{-4} \quad \underline{+1} \end{array}$$

Draw ten boys.

Color nine boys brown.

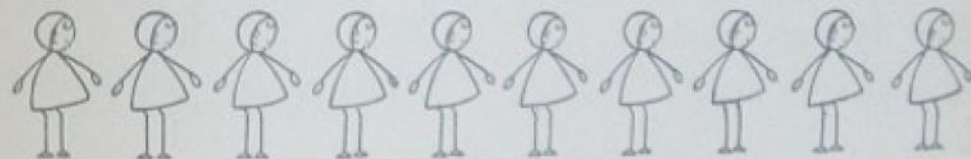
Color one boy blue.

$$\begin{array}{r} 9 \quad 9 \\ \underline{+1} \quad \underline{+1} \\ 10 \end{array}$$

Nine boys and one boy are ten boys.

9 and 1 are 10.

Nine and one are _____. 9 and 1 are _____.



10 girls

Color 1 girl red.

Color 9 girls orange.

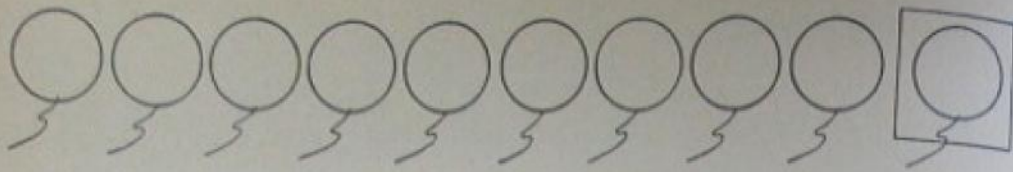
$$\begin{array}{r} 1 \quad 1 \\ \underline{+9} \quad \underline{+9} \\ 10 \end{array}$$

1 girl and 9 girls are 10 girls.

1 girl and 9 girls are _____ girls.

1 and 9 are 10.

1 and 9 are _____. 1 and 9 are _____.

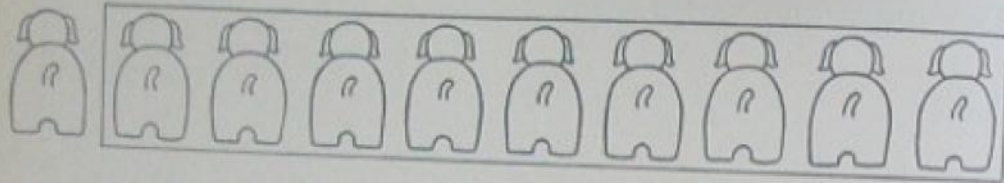


10 balloons

Color ten balloons green.

Take away one balloon.

$$\begin{array}{r} 10 \\ \text{take away } \underline{1} \\ 9 \end{array} \quad \begin{array}{r} 10 \\ \underline{-1} \end{array}$$



10 dogs

Color 10 dogs brown.

Take away 9 dogs.

$$\begin{array}{r} 10 \\ \text{take away } \underline{9} \\ 1 \end{array} \quad \begin{array}{r} 10 \\ \underline{-9} \end{array}$$

$$\begin{array}{r} 10 \\ \underline{-9} \end{array} \quad \begin{array}{r} 6 \\ \underline{-4} \end{array} \quad \begin{array}{r} 9 \\ \underline{+1} \end{array} \quad \begin{array}{r} 1 \\ \underline{+9} \end{array} \quad \begin{array}{r} 10 \\ \underline{-9} \end{array} \quad \begin{array}{r} 10 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{+1} \end{array} \quad \begin{array}{r} 10 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 5 \\ \underline{-1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-1} \end{array} \quad \begin{array}{r} 4 \\ \underline{+5} \end{array} \quad \begin{array}{r} 9 \\ \underline{-4} \end{array} \quad \begin{array}{r} 9 \\ \underline{+1} \end{array} \quad \begin{array}{r} 9 \\ \underline{-5} \end{array} \quad \begin{array}{r} 1 \\ \underline{+9} \end{array} \quad \begin{array}{r} 10 \\ \underline{-9} \end{array}$$

Draw 5 rabbits.

Draw 2 rabbits.

Color 7 rabbits brown.

5 rabbits and 2 rabbits are 7 rabbits.

5 and 2 are _____. 5 and 2 are 7.

$$\begin{array}{r} 5 \\ \underline{+2} \\ 7 \end{array} \quad \begin{array}{r} 5 \\ \underline{+2} \end{array}$$

Draw 2 dogs.

Draw 5 dogs.

Color 7 dogs black.

2 and 5 are 7. 2 and 5 are _____.

$$\begin{array}{r} 2 \\ \underline{+5} \\ 7 \end{array} \quad \begin{array}{r} 2 \\ \underline{+5} \end{array}$$

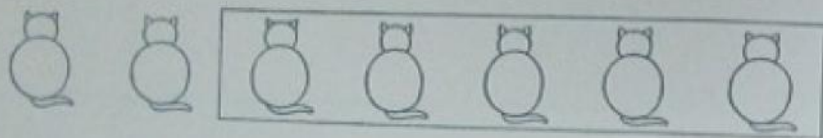


7 tops

Color seven tops orange.

Take away two tops.

$$\begin{array}{r} 7 \quad 7 \\ \text{take away} \quad \underline{2} \quad \underline{-2} \\ 5 \end{array}$$



7 cats

Color 7 cats black.

Take away 5 cats.

$$\begin{array}{r} 7 \quad 7 \\ \text{take away} \quad \underline{5} \quad \underline{-5} \\ 2 \end{array}$$

$$\begin{array}{r} 7 \quad 7 \quad 5 \quad 2 \quad 7 \quad 7 \quad 2 \quad 7 \\ \underline{-2} \quad \underline{-5} \quad \underline{+2} \quad \underline{+5} \quad \underline{-2} \quad \underline{-5} \quad \underline{+5} \quad \underline{-2} \end{array}$$

$$\begin{array}{r} 8 \quad 4 \quad 10 \quad 1 \quad 9 \quad 10 \quad 9 \quad 5 \\ \underline{+1} \quad \underline{-1} \quad \underline{-1} \quad \underline{+3} \quad \underline{-1} \quad \underline{-9} \quad \underline{-4} \quad \underline{+2} \end{array}$$

$$\begin{array}{r} 2 \quad 4 \quad 8 \quad 5 \quad 2 \quad 7 \quad 10 \quad 2 \\ \underline{+5} \quad \underline{+5} \quad \underline{-7} \quad \underline{+5} \quad \underline{+1} \quad \underline{-2} \quad \underline{-5} \quad \underline{+2} \end{array}$$

$$\begin{array}{r} 4 \\ \underline{+5} \end{array}$$

$$\begin{array}{r} 5 \\ \underline{+4} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{-4} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{-5} \end{array}$$

$$\begin{array}{r} 1 \\ \underline{+9} \end{array}$$

$$\begin{array}{r} 9 \\ \underline{+1} \end{array}$$

$$\begin{array}{r} 10 \\ \underline{-9} \end{array}$$

$$\begin{array}{r} 10 \\ \underline{-1} \end{array}$$

$$\begin{array}{r} 2 \\ \underline{+5} \end{array}$$

$$\begin{array}{r} 5 \\ \underline{+2} \end{array}$$

$$\begin{array}{r} 7 \\ \underline{-2} \end{array}$$

$$\begin{array}{r} 7 \\ \underline{-5} \end{array}$$

Pack 5	Pack 5	Pack 5	
$\begin{array}{r} 9 \\ -4 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline 9 \end{array}$	
Pack 5	Pack 5	Pack 5	Pack 5
$\begin{array}{r} 10 \\ -9 \\ \hline 1 \end{array}$	$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array}$	$\begin{array}{r} 1 \\ +9 \\ \hline 10 \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array}$
Pack 5	Pack 5	Pack 5	Pack 5
$\begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array}$	$\begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline 9 \end{array}$
			Pack 5
			$\begin{array}{r} 7 \\ -5 \\ \hline 2 \end{array}$

Bird Race



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

6	8	9	10	7	8	7	8
<u>+1</u>	<u>-4</u>	<u>-8</u>	<u>-5</u>	<u>-1</u>	<u>+1</u>	<u>+1</u>	<u>-1</u>

Score _____

TO THE TEACHER: See the instructions on page 33.

Draw 6 rabbits.

Draw 3 rabbits.

Color 9 rabbits black.

6 rabbits and 3 rabbits are 9 rabbits.

6 and 3 are 9. 6 and 3 are ____.

$$\begin{array}{r} 6 \quad 6 \\ +3 \quad +3 \\ \hline 9 \end{array}$$

Draw three apples.

Draw six apples.

Color nine apples red.

3 apples and 6 apples are 9 apples.

3 and 6 are 9. 3 and 6 are ____.

$$\begin{array}{r} 3 \quad 3 \\ +6 \quad +6 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 7 \quad 3 \quad 8 \quad 3 \quad 5 \quad 10 \quad 4 \quad 9 \\ -2 \quad +1 \quad -1 \quad +3 \quad -4 \quad -9 \quad +5 \quad -5 \end{array}$$

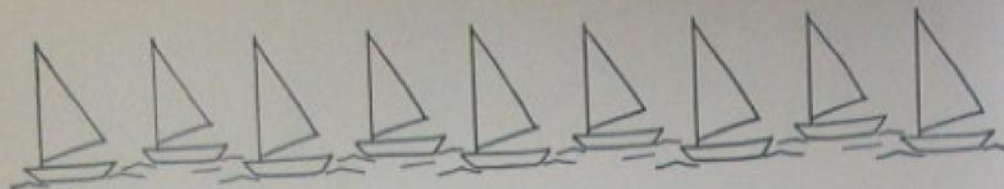
$$\begin{array}{r} 5 \quad 3 \quad 7 \quad 6 \quad 1 \quad 9 \quad 6 \quad 10 \\ +4 \quad +6 \quad -5 \quad +3 \quad +9 \quad -4 \quad +3 \quad -5 \end{array}$$

$$\begin{array}{r} 3 \quad 9 \quad 5 \quad 7 \quad 2 \quad 9 \quad 4 \quad 7 \\ +6 \quad +1 \quad +2 \quad -5 \quad +2 \quad -4 \quad -2 \quad -5 \end{array}$$

$$\begin{array}{r} 6 \quad 4 \quad 4 \quad 5 \quad 5 \quad 7 \quad 2 \quad 10 \\ -2 \quad +5 \quad +2 \quad +2 \quad +4 \quad -2 \quad +5 \quad -1 \end{array}$$

$$\begin{array}{r} 3 \quad 6 \quad 2 \quad 9 \quad 4 \quad 9 \quad 4 \quad 10 \\ +6 \quad -1 \quad +5 \quad -4 \quad +5 \quad -5 \quad +5 \quad -9 \end{array}$$

$$\begin{array}{r} 10 \quad 6 \quad 2 \quad 7 \quad 8 \quad 5 \quad 10 \quad 9 \\ -1 \quad +3 \quad +5 \quad -2 \quad -7 \quad +4 \quad -9 \quad +1 \end{array}$$



nine boats

Color six boats red.

$$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array} \quad \begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$$

Color three boats green.

6 boats and 3 boats are 9 boats.

6 and 3 are ____ . 6 and 3 are 9.

Draw 9 boys.

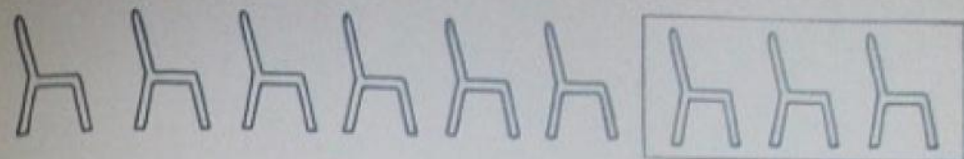
Color 3 boys blue.

$$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$$

Color 6 boys brown.

3 boys and 6 boys are 9 boys.

3 and 6 are 9. 3 and 6 are ____ .



nine chairs

Color nine chairs blue.

Take away three chairs.

$$\begin{array}{r} 9 \\ \text{take away } 3 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$



Color 9 balls orange.

Take away 6 balls.

$$\begin{array}{r} 9 \\ \text{take away } 6 \\ \hline 3 \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array} \quad \begin{array}{r} 4 \\ +1 \\ \hline 5 \end{array} \quad \begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$

$$\begin{array}{r} 9 \\ +1 \\ \hline 10 \end{array} \quad \begin{array}{r} 6 \\ -1 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ +2 \\ \hline 7 \end{array} \quad \begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -5 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline 5 \end{array} \quad \begin{array}{r} 5 \\ +5 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ -4 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array} \quad \begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array} \quad \begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array} \quad \begin{array}{r} 1 \\ +7 \\ \hline 8 \end{array} \quad \begin{array}{r} 5 \\ +4 \\ \hline 9 \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline 9 \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$

Draw 8 kites. _____

Draw two kites. _____

Color ten kites blue.

8 kites and 2 kites are 10 kites.

8 and 2 are 10. 8 and 2 are ____.

$$\begin{array}{r} 8 \quad 8 \\ +2 \quad +2 \\ \hline 10 \end{array}$$

Draw 2 birds. _____

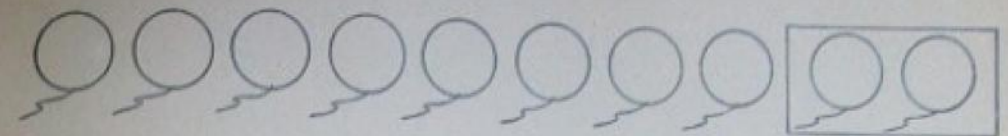
Draw 8 birds.

Color 10 birds red.

2 birds and 8 birds are 10 birds.

$$\begin{array}{r} 2 \quad 2 \\ +8 \quad +8 \\ \hline 10 \end{array}$$

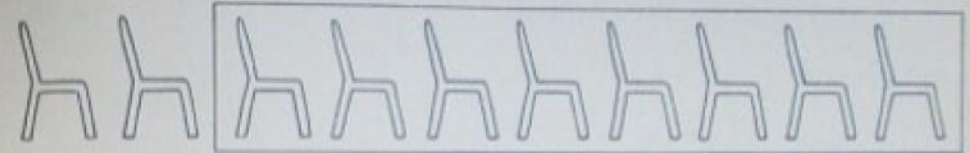
10	9	2	2	9	8	9	3
<u>-1</u>	<u>-6</u>	<u>+4</u>	<u>+8</u>	<u>-3</u>	<u>+2</u>	<u>-6</u>	<u>+6</u>



Color 10 balloons green.

Take away 2 balloons.

$$\begin{array}{r} 10 \quad 10 \\ \text{take away } 2 \quad -2 \\ \hline 8 \end{array}$$



Color ten chairs orange.

Take away 8 chairs.

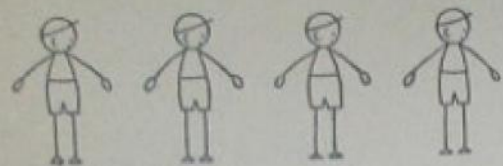
$$\begin{array}{r} 10 \quad 10 \\ \text{take away } 8 \quad -8 \\ \hline 2 \end{array}$$

10	10	8	2	10	10	2	10
<u>-8</u>	<u>-2</u>	<u>+2</u>	<u>+8</u>	<u>-8</u>	<u>-2</u>	<u>-1</u>	<u>-8</u>

8	7	4	9	5	10	6	9
<u>+2</u>	<u>-2</u>	<u>+4</u>	<u>-6</u>	<u>+2</u>	<u>-5</u>	<u>+1</u>	<u>-4</u>

7	3	6	8	2	10	3	9
<u>-5</u>	<u>+3</u>	<u>+3</u>	<u>-1</u>	<u>+8</u>	<u>-9</u>	<u>+6</u>	<u>-1</u>

Draw three boys.



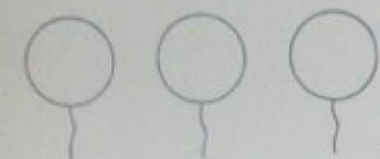
Color seven boys blue.

4 boys and 3 boys are 7 boys.

4 and 3 are 7. 4 and 3 are ____.

$$\begin{array}{r} 4 \quad 4 \\ +3 \quad +3 \\ \hline 7 \quad 7 \end{array}$$

Draw four balloons.



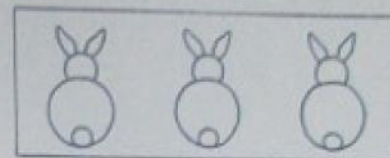
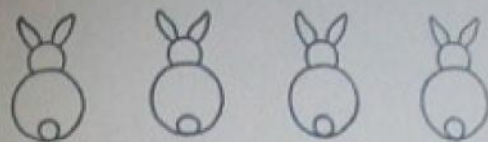
Color 7 balloons green.

3 balloons and 4 balloons are 7 balloons.

3 and 4 are 7. 3 and 4 are ____.

$$\begin{array}{r} 3 \quad 3 \\ +4 \quad +4 \\ \hline 7 \quad 7 \end{array}$$

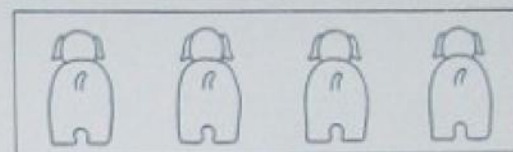
10	7	9	8	3	9	10	4
<u>-2</u>	<u>-6</u>	<u>-4</u>	<u>+2</u>	<u>+4</u>	<u>-5</u>	<u>-8</u>	<u>+3</u>



Color 7 rabbits brown.

Take away 3 rabbits.

$$\begin{array}{r} 7 \quad 7 \\ \text{take away } 3 \quad -3 \\ \hline 4 \end{array}$$



Color seven dogs black.

Take away four dogs.

$$\begin{array}{r} 7 \quad 7 \\ \text{take away } 4 \quad -4 \\ \hline 3 \end{array}$$

7	7	3	4	6	7	7	4
<u>-4</u>	<u>-3</u>	<u>+4</u>	<u>+3</u>	<u>-4</u>	<u>-3</u>	<u>-4</u>	<u>+3</u>

1	4	3	5	1	7	7	2
<u>+4</u>	<u>-3</u>	<u>+4</u>	<u>-4</u>	<u>+8</u>	<u>-3</u>	<u>-4</u>	<u>+4</u>

9	4	8	9	5	8	9	10
<u>-4</u>	<u>+3</u>	<u>-1</u>	<u>-8</u>	<u>+4</u>	<u>+1</u>	<u>-6</u>	<u>-8</u>

Draw six trees. _____

Draw two trees. _____

Color eight trees brown.

6 trees and 2 trees are 8 trees.

6 and 2 are 8. 6 and 2 are ____.

Draw 2 kites. _____

Draw 6 kites. _____

Color 8 kites blue.

2 kites and 6 kites are ____ kites.

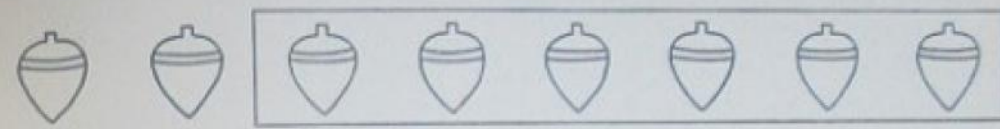
<u>6</u>	<u>3</u>	<u>9</u>	<u>7</u>	<u>6</u>	<u>7</u>	<u>2</u>	<u>10</u>
<u>+2</u>	<u>+4</u>	<u>-5</u>	<u>-4</u>	<u>+2</u>	<u>-3</u>	<u>+6</u>	<u>-8</u>



Color 8 balls orange.

Take away 2 balls.

	8	8
take away	<u>2</u>	<u>-2</u>
		6



Color eight tops blue.

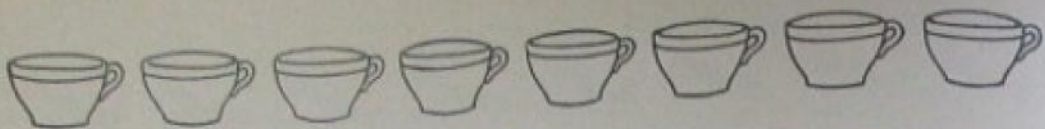
Take away six tops.

	8	8
take away	<u>6</u>	<u>-6</u>
	2	

<u>8</u>	<u>8</u>	<u>2</u>	<u>6</u>	<u>8</u>	<u>8</u>	<u>6</u>	<u>8</u>
<u>-6</u>	<u>-2</u>	<u>+6</u>	<u>+2</u>	<u>-2</u>	<u>-6</u>	<u>+2</u>	<u>-6</u>

<u>10</u>	<u>1</u>	<u>2</u>	<u>9</u>	<u>2</u>	<u>7</u>	<u>6</u>	<u>8</u>
<u>-8</u>	<u>+1</u>	<u>+6</u>	<u>-6</u>	<u>+5</u>	<u>-4</u>	<u>-4</u>	<u>-2</u>

<u>10</u>	<u>2</u>	<u>5</u>	<u>9</u>	<u>7</u>	<u>2</u>	<u>1</u>	<u>7</u>
<u>-2</u>	<u>+1</u>	<u>+4</u>	<u>-3</u>	<u>-2</u>	<u>+6</u>	<u>+2</u>	<u>-5</u>



Color 6 cups blue. Color 2 cups orange.

8 cups are blue and orange.

6 and 2 are 8. 6 and 2 are ____.

6 and 2 are ____. 2 and 6 are ____.

2 and 6 are 8. 2 and 6 are ____.

2	6	8	2	6	8	6	2
<u>+6</u>	<u>+2</u>	<u>-6</u>	<u>+6</u>	<u>+2</u>	<u>-2</u>	<u>+2</u>	<u>+8</u>

1	6	1	8	2	7	7	6
<u>+3</u>	<u>-3</u>	<u>+9</u>	<u>-2</u>	<u>+3</u>	<u>-2</u>	<u>-5</u>	<u>+2</u>

5	8	10	5	7	2	9	3
<u>-1</u>	<u>-6</u>	<u>-8</u>	<u>+4</u>	<u>-3</u>	<u>+5</u>	<u>-4</u>	<u>+4</u>

9	4	10	2	3	10	9	10
<u>+1</u>	<u>+3</u>	<u>-9</u>	<u>+6</u>	<u>+6</u>	<u>-1</u>	<u>-6</u>	<u>-2</u>

8	2	4	3	8	8	2	7
<u>-2</u>	<u>+6</u>	<u>+3</u>	<u>-1</u>	<u>+2</u>	<u>-7</u>	<u>+8</u>	<u>-4</u>

4	9	6	10	6	9	4	10
<u>+2</u>	<u>-3</u>	<u>+3</u>	<u>-2</u>	<u>+2</u>	<u>-3</u>	<u>+3</u>	<u>-8</u>

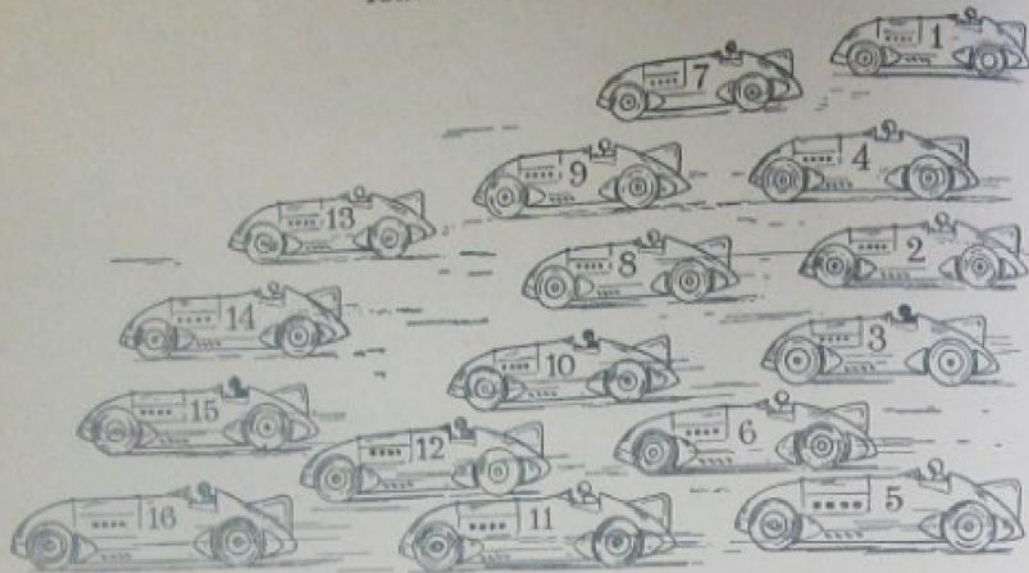
2	9	2	10	8	3	7	6
<u>+6</u>	<u>-6</u>	<u>+8</u>	<u>-8</u>	<u>-2</u>	<u>+2</u>	<u>-3</u>	<u>+3</u>

6	3	4	8	7	9	3	9
<u>+2</u>	<u>-2</u>	<u>+3</u>	<u>-6</u>	<u>-1</u>	<u>-3</u>	<u>+4</u>	<u>-6</u>

10	2	8	3	7	2	8	5
<u>-5</u>	<u>+8</u>	<u>-6</u>	<u>+6</u>	<u>-3</u>	<u>+6</u>	<u>-2</u>	<u>-2</u>

8	7	6	10	3	9	7	3
<u>+2</u>	<u>-4</u>	<u>+3</u>	<u>-2</u>	<u>+6</u>	<u>-6</u>	<u>+1</u>	<u>+4</u>

Automobile Race



Draw 5 apples. _____

Draw 3 apples. _____

Color 8 apples red.

5 apples and 3 apples are 8 apples.

5 and 3 are 8. 5 and 3 are ____.

$$\begin{array}{r} 5 \quad 5 \\ +3 \quad +3 \\ \hline 8 \quad 8 \end{array}$$

Draw 3 birds. _____

Draw 5 birds. _____

Color 8 birds blue.

3 birds and 5 birds are 8 birds.

3 and 5 are ____.

3 and 5 are ____.

$$\begin{array}{r} 3 \quad 3 \\ +5 \quad +5 \\ \hline 8 \quad 8 \end{array}$$

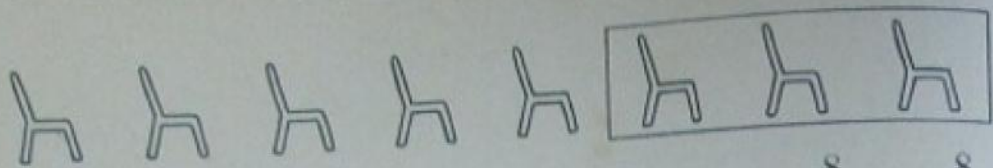
$$\begin{array}{r} 4 \quad 7 \quad 10 \quad 9 \quad 2 \quad 1 \quad 10 \quad 9 \\ +5 \quad -2 \quad -9 \quad -4 \quad +5 \quad +9 \quad -1 \quad +1 \end{array}$$

$$\begin{array}{r} 7 \quad 4 \quad 9 \quad 5 \quad 9 \quad 5 \quad 10 \quad 5 \\ -5 \quad +5 \quad -5 \quad +4 \quad +1 \quad +2 \quad -1 \quad +4 \end{array}$$

Score _____

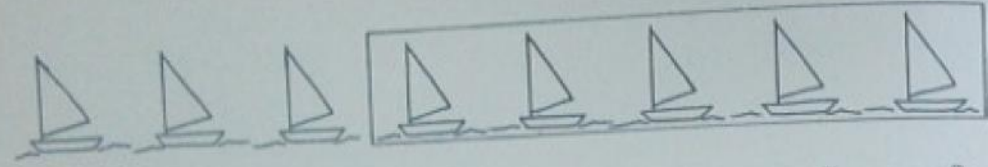
$$\begin{array}{r} 3 \quad 4 \quad 5 \quad 8 \quad 5 \quad 10 \quad 3 \quad 6 \\ +1 \quad -1 \quad +3 \quad -6 \quad +3 \quad -8 \quad +5 \quad -1 \end{array}$$

TO THE TEACHER: See the instructions on page 33.



Color eight chairs blue.
Take away three chairs.

$$\begin{array}{r} 8 \\ \text{take away } 3 \\ \hline 5 \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$



Color 8 boats green.
Take away 5 boats.

$$\begin{array}{r} 8 \\ \text{take away } 5 \\ \hline 3 \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 5 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +5 \\ \hline \end{array}$$

TO THE TEACHER: The combinations 5+3, 3+5, 8-3, and 8-5 may be reviewed in connection with Pack 7, at the end of the book.

$$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

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

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

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

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$$

Pack 6

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

Pack 6

$$\begin{array}{r} 9 \\ -6 \\ \hline 3 \end{array}$$

Pack 6

$$\begin{array}{r} 9 \\ -3 \\ \hline 6 \end{array}$$

Pack 6

$$\begin{array}{r} 6 \\ +3 \\ \hline 9 \end{array}$$

Pack 6

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

Pack 6

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

Pack 6

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

Pack 6

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

Pack 6

$$\begin{array}{r} 2 \\ +6 \\ \hline 8 \end{array}$$

Pack 6

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

Pack 6

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

Pack 6

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

Pack 6

$$\begin{array}{r} 3 \\ +6 \\ \hline 9 \end{array}$$

Pack 6

$$\begin{array}{r} 8 \\ -6 \\ \hline 2 \end{array}$$

Pack 6

$$\begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array}$$

Pack 6

$$\begin{array}{r} 6 \\ +2 \\ \hline 8 \end{array}$$

Foot Race



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

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

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

$$\begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +6 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 9 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$$

Score _____

TO THE TEACHER: See the instructions on page 33.

Copyright, 1956, by The McGraw-Hill Company

Draw 9 kites.

Color 7 kites blue.

Color 2 kites orange.

7 and 2 are 9. 7 and 2 are ____.

7 and 2 are ____. 2 and 7 are ____.

2 and 7 are 9. 2 and 7 are ____.

$$\begin{array}{r} 7 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -8 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ +1 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 7 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array} \quad \begin{array}{r} 5 \\ +1 \\ \hline \end{array}$$

Draw six apples. _____

Draw four apples. _____

Color ten apples green.

6 apples and 4 apples are 10 apples.

6 and 4 are 10. 6 and 4 are ____.

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \hline \end{array}$$

Draw 4 cups. _____

Draw 6 cups. _____

Color 10 cups blue.

4 cups and 6 cups are 10 cups.

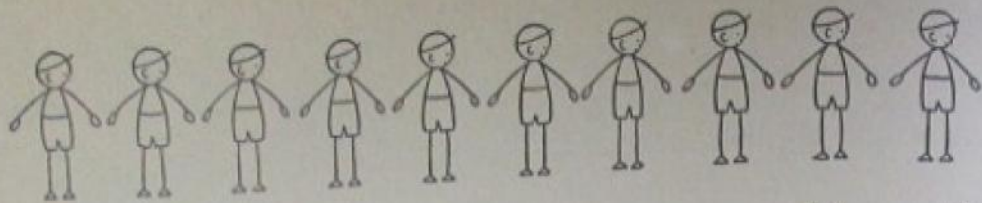
4 and 6 are ____. 4 and 6 are 10.

4 and 6 are ____.

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 10 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 2 \\ +7 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 3 \\ +5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ +2 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

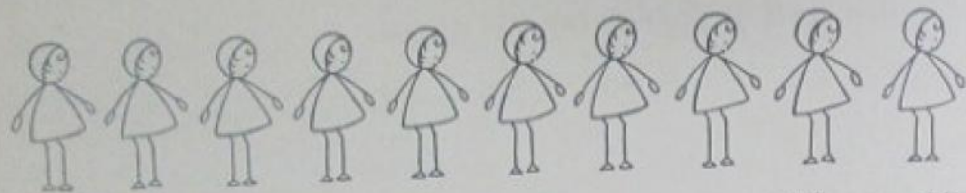
$$\begin{array}{r} 5 \\ -1 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline \end{array} \quad \begin{array}{r} 8 \\ -6 \\ \hline \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline \end{array} \quad \begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$



Color ten boys brown.

Take away four boys.

$$\begin{array}{r} 10 \\ \text{take away } 4 \\ \hline 6 \end{array}$$



Color 10 girls orange.

Take away 6 girls.

$$\begin{array}{r} 10 \\ \text{take away } 6 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array} \quad \begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array} \quad \begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array}$$

$$\begin{array}{r} 3 \\ -2 \\ \hline 1 \end{array} \quad \begin{array}{r} 7 \\ -3 \\ \hline 4 \end{array} \quad \begin{array}{r} 2 \\ +5 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ -5 \\ \hline 5 \end{array} \quad \begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array} \quad \begin{array}{r} 8 \\ -2 \\ \hline 6 \end{array} \quad \begin{array}{r} 2 \\ +8 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ -3 \\ \hline 5 \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array} \quad \begin{array}{r} 3 \\ +4 \\ \hline 7 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array} \quad \begin{array}{r} 7 \\ -4 \\ \hline 3 \end{array} \quad \begin{array}{r} 3 \\ +5 \\ \hline 8 \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array} \quad \begin{array}{r} 5 \\ -3 \\ \hline 2 \end{array}$$

Draw 10 chairs.

Color 7 chairs red.

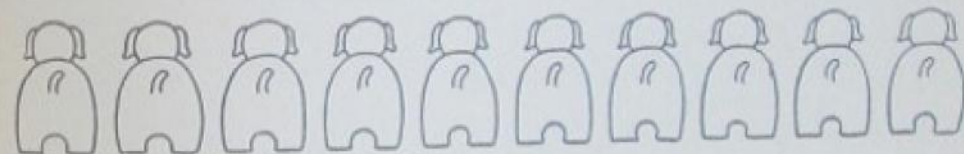
Color 3 chairs blue.

7 chairs and 3 chairs are 10 chairs.

7 and 3 are ____.

7 and 3 are 10.

$$\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array} \quad \begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$$



Color 3 dogs brown.

Color 7 dogs black.

$$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$$

3 dogs and 7 dogs are ____ dogs.

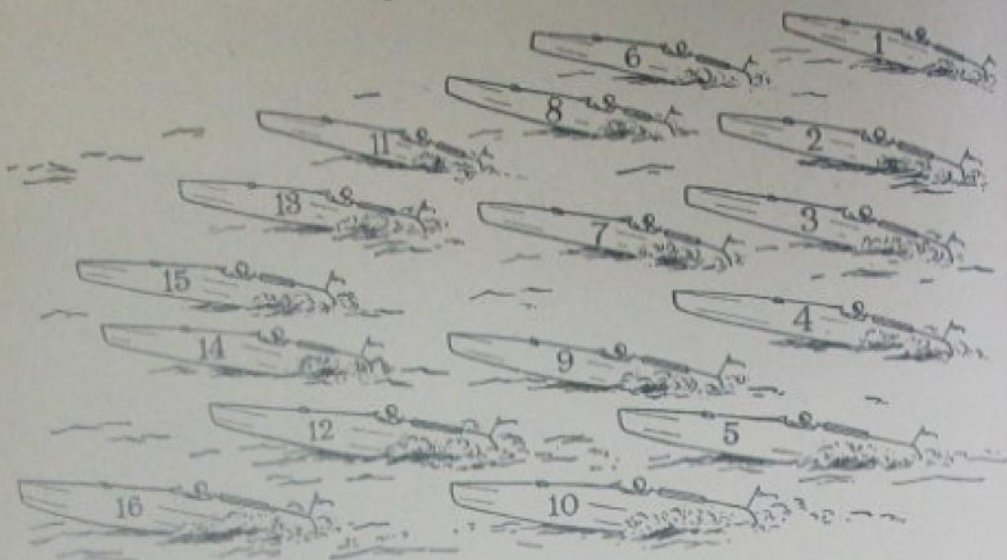
3 and 7 are 10.

7 dogs and 3 dogs are ____ dogs.

7 and 3 are 10.

$$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} 8 \\ -5 \\ \hline 3 \end{array} \quad \begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array} \quad \begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array} \quad \begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array} \quad \begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array} \quad \begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array}$$

Speedboat Race



5	10	10	2	7	3	9	4
<u>+3</u>	<u>-3</u>	<u>-4</u>	<u>+7</u>	<u>+2</u>	<u>+7</u>	<u>-2</u>	<u>+6</u>

10	3	8	7	6	8	10	9
<u>-7</u>	<u>+5</u>	<u>-3</u>	<u>+3</u>	<u>+4</u>	<u>-5</u>	<u>-6</u>	<u>-7</u>

Score _____

TO THE TEACHER: See the instructions on page 33.

Write:

1	3	5	7	9
11	13	15	17	19
21	23	25	27	29
31	33	35	37	39
41	43	45	47	49
51	53	55	57	59
61	63	65	67	69
71	73	75	77	79
81	83	85	87	89
91	93	95	97	99

TO THE TEACHER: Direct the pupil to fill in the missing numbers.

Write:

2	4	6	8	10	12	14	16	18	20

22	24	26	28	30	32	34	36	38	40

42	44	46	48	50	52	54	56	58	60

62	64	66	68	70	72	74	76	78	80

82	84	86	88	90	92	94	96	98	100

TO THE TEACHER: The pupil should continue this exercise until he is able to count by 2's to 100.

$\begin{array}{r} 5 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -5 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -4 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 2 \\ +4 \\ \hline \end{array}$
--	---	--	--	--	--	--	--

$\begin{array}{r} 2 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 6 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -5 \\ \hline \end{array}$
--	--	---	--	--	--	--	--

$\begin{array}{r} 9 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ -2 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 7 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 9 \\ -5 \\ \hline \end{array}$
--	--	--	--	--	--	--	--

$\begin{array}{r} 5 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -8 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -1 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +3 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$	$\begin{array}{r} 5 \\ +2 \\ \hline \end{array}$
--	---	--	--	--	--	---	--

$\begin{array}{r} 7 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +8 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$	$\begin{array}{r} 4 \\ +5 \\ \hline \end{array}$	$\begin{array}{r} 8 \\ +2 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$	$\begin{array}{r} 1 \\ +7 \\ \hline \end{array}$	$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$
--	--	---	--	--	---	--	---

Combination Dictionary

$\frac{2}{-1}$	$\frac{3}{-1}$	$\frac{3}{-2}$	$\frac{4}{-1}$	$\frac{4}{-2}$	$\frac{4}{-3}$
$\frac{1}{1}$	$\frac{2}{2}$	$\frac{1}{1}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

$\frac{5}{-1}$	$\frac{5}{-2}$	$\frac{5}{-3}$	$\frac{5}{-4}$	$\frac{6}{-1}$	$\frac{6}{-2}$	$\frac{6}{-3}$	$\frac{6}{-4}$	$\frac{6}{-5}$
$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

$\frac{7}{-1}$	$\frac{7}{-2}$	$\frac{7}{-3}$	$\frac{7}{-4}$	$\frac{7}{-5}$	$\frac{7}{-6}$
$\frac{6}{6}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

$\frac{8}{-1}$	$\frac{8}{-2}$	$\frac{8}{-3}$	$\frac{8}{-4}$	$\frac{8}{-5}$	$\frac{8}{-6}$	$\frac{8}{-7}$
$\frac{7}{7}$	$\frac{6}{6}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

$\frac{9}{-1}$	$\frac{9}{-2}$	$\frac{9}{-3}$	$\frac{9}{-4}$	$\frac{9}{-5}$	$\frac{9}{-6}$	$\frac{9}{-7}$	$\frac{9}{-8}$
$\frac{8}{8}$	$\frac{7}{7}$	$\frac{6}{6}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

$\frac{10}{-1}$	$\frac{10}{-2}$	$\frac{10}{-3}$	$\frac{10}{-4}$	$\frac{10}{-5}$	$\frac{10}{-6}$	$\frac{10}{-7}$	$\frac{10}{-8}$	$\frac{10}{-9}$
$\frac{9}{9}$	$\frac{8}{8}$	$\frac{7}{7}$	$\frac{6}{6}$	$\frac{5}{5}$	$\frac{4}{4}$	$\frac{3}{3}$	$\frac{2}{2}$	$\frac{1}{1}$

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

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

$$\begin{array}{r} 8 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 8 \\ -5 \\ \hline \end{array}$$

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

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

$$\begin{array}{r} 9 \\ -2 \\ \hline \end{array}$$

$$\begin{array}{r} 9 \\ -7 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \\ +6 \\ \hline \end{array}$$

$$\begin{array}{r} 6 \\ +4 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -6 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -4 \\ \hline \end{array}$$

$$\begin{array}{r} 7 \\ +3 \\ \hline \end{array}$$

$$\begin{array}{r} 3 \\ +7 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -3 \\ \hline \end{array}$$

$$\begin{array}{r} 10 \\ -7 \\ \hline \end{array}$$

Pack 7

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

Pack 7

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

Pack 7

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

Pack 7

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

Pack 7

$$\begin{array}{r} 9 \\ -7 \\ \hline 2 \end{array}$$

Pack 7

$$\begin{array}{r} 9 \\ -2 \\ \hline 7 \end{array}$$

Pack 7

$$\begin{array}{r} 7 \\ +2 \\ \hline 9 \end{array}$$

Pack 7

$$\begin{array}{r} 2 \\ +7 \\ \hline 9 \end{array}$$

Pack 7

$$\begin{array}{r} 10 \\ -4 \\ \hline 6 \end{array}$$

Pack 7

$$\begin{array}{r} 10 \\ -6 \\ \hline 4 \end{array}$$

Pack 7

$$\begin{array}{r} 6 \\ +4 \\ \hline 10 \end{array}$$

Pack 7

$$\begin{array}{r} 4 \\ +6 \\ \hline 10 \end{array}$$

Pack 7

$$\begin{array}{r} 10 \\ -7 \\ \hline 3 \end{array}$$

Pack 7

$$\begin{array}{r} 10 \\ -3 \\ \hline 7 \end{array}$$

Pack 7

$$\begin{array}{r} 3 \\ +7 \\ \hline 10 \end{array}$$

Pack 7

$$\begin{array}{r} 7 \\ +3 \\ \hline 10 \end{array}$$

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

My Progress Chart

Pack 1	1's to 100	10's to 100	5's to 100	2's to 100	Pack 7
Pack 2	Pack 3	Pack 4	Pack 5	Pack 6	



girl



boat



boy



chair



bird



apple



kite



house



balloon



rabbit



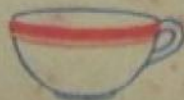
tree



dog



top



cup



ball

SELF-HELP NUMBER SERIES IN NUMBER LAND



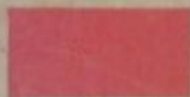
Draw



Color



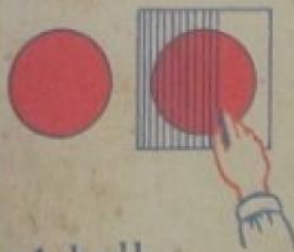
Write



red and blue



Take away



1 ball
is left.



cat



2 balls
are red.

510
C5440



AND CUSHMAN
MILLAN COMPANY