

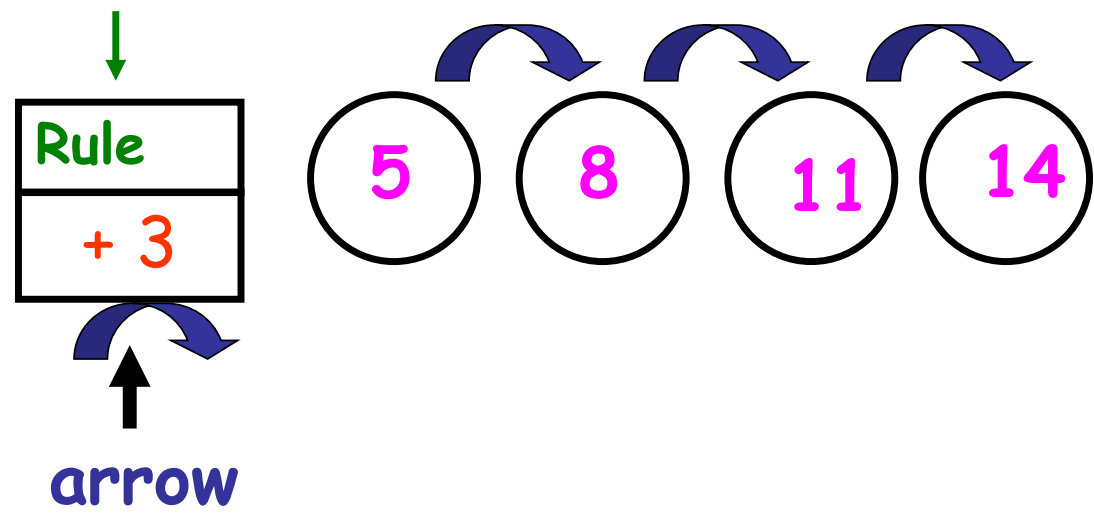
# answer key

Page 9   a. 30  
              b. 25  
              c. 35

The answers to the problems that help you see if you understood the problems.

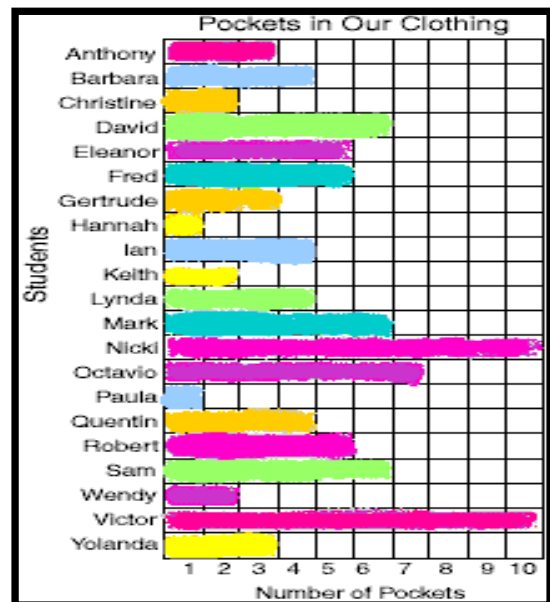
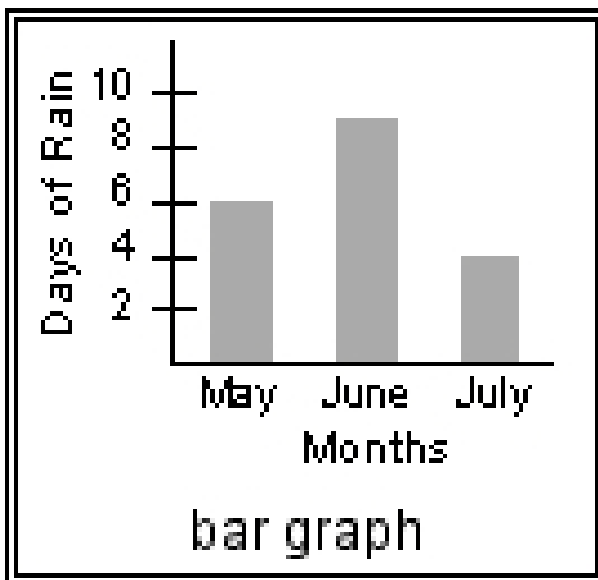
# arrow rule

arrow rule



The operation that determines the number that goes in the next frame in a Frames-and-Arrows diagram.

# bar graph



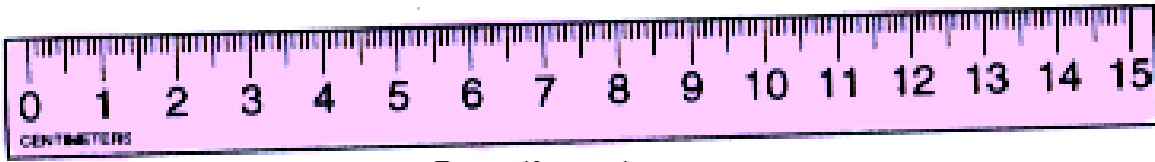
A graph that shows the relationships among variables by the use of bars to represent quantities.

**calculate  
(compute)**

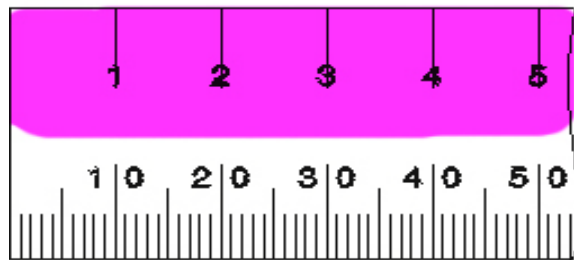
$$57 + 22 = 79$$

**To figure out the  
exact answer.**

# centimeter (cm)



Centimeters



Millimeters

In the metric system a unit of length equivalent to 10 millimeters,  $(1/10)$  of a decimeter, and  $(1/100)$  of a meter.

# Data Bank

## Horizontal Bar Graph

### Favorite Cafeteria Food

*Each unit represents one student*


Hot Dog	27
Hamburger	84
Taco	125
Pizza	143
Spaghetti	65
Meat Loaf	4




**Section in the  
Student Reference  
Book that has useful  
information.**

# decimal

\$24.45



$\frac{1}{2} = 0.50$



A number written in standard notation, usually one containing a decimal point.

# decimal point

\$24.45



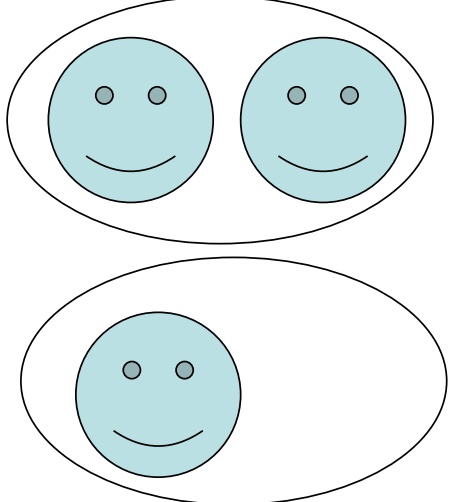
$$\frac{1}{2} = .50$$



The mark that separates the whole number from the fraction in decimal notation. It separates the dollars from the cents.



# difference

$$\begin{array}{r} 27 \\ -5 \\ \hline 22 \end{array}$$


**difference**

The amount by which one number is greater or less than another.

# equivalent

$\frac{1}{2}$ , 0.5, 50%



Equal in value, but  
in a different  
form.

# estimate (estimation)

$$\begin{array}{r} 57 \longrightarrow 60 \\ + \underline{22} \longrightarrow +20 \\ \hline \phantom{+} 80 \end{array}$$

estimate  
(estimation)

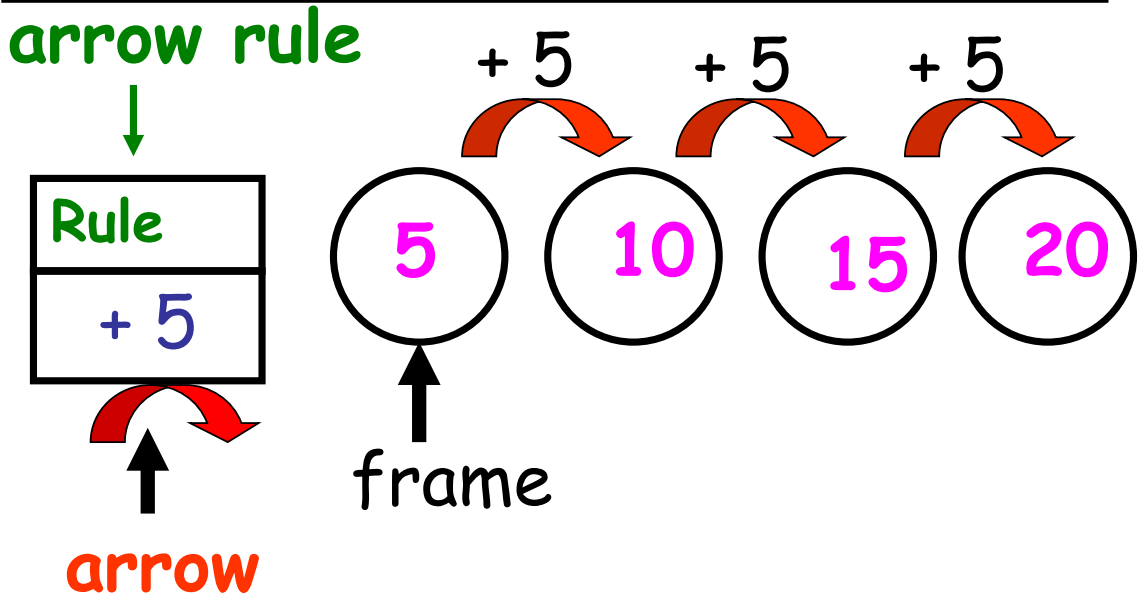
A close, rather  
than the exact  
number.

# event



**A happening or occurrence.**

# Frames and Arrows



Diagrams used to represent number sequences according to a rule.

# Glossary

**G**

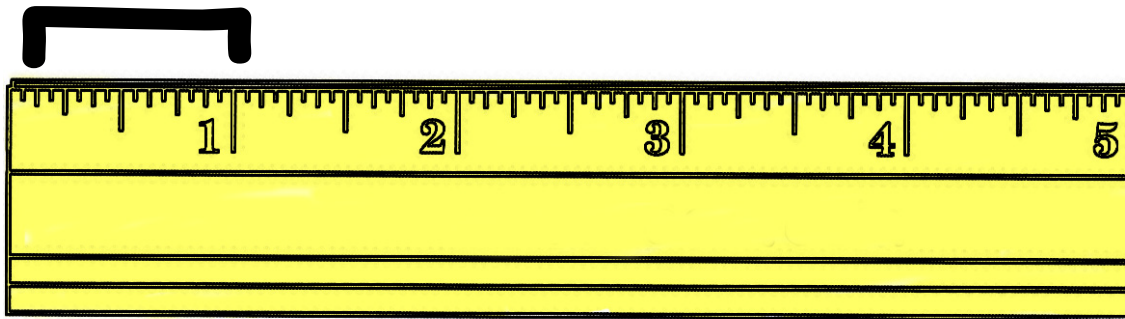
**Geometry** The study of shapes.

**I**

**Intersect** To meet or cross.

**Found at the back of the Student Reference Book:  
It lists and gives a definition of important math vocabulary in alphabetical order.**

inch (in.)



A unit of  
measurement  
equal to  $1/12$  of  
a foot.

# Index

## B

Balance scale, 164, 165

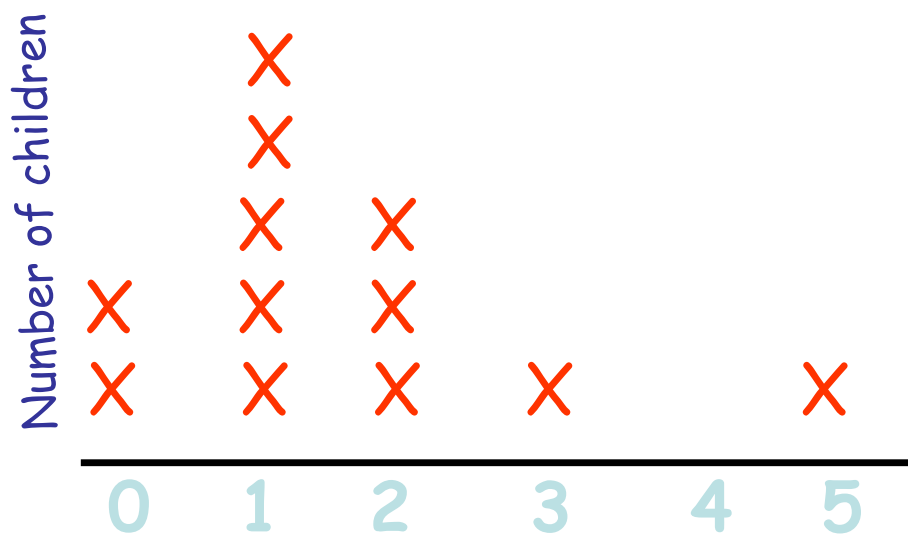
Ballpark estimate, 190

Bar graphs, 86-87

**Found at the back of the Student Reference Book:  
It lists key words and page numbers that they are on in alphabetical order.**

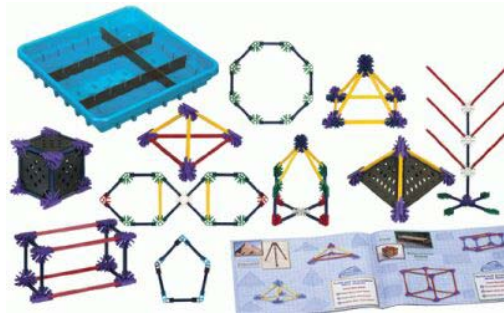


# line plot



A sketch of data in which checkmarks, X's or stick-on notes above a number line show the frequency of each value.

# mathematical tools



**Materials used  
to help solve  
problems.**

# maximum

{3, 2, 8, 1, 9, 2}  
is 9

The largest  
amount; the  
greatest number  
in a set of data.

# median

2, 35, 65, 77, 80, 100, 205



The middle value in a set of data when the data is listed in order.

# minimum

{3, 2, 8, 1, 9, 2}  
is 1

The smallest  
number in a set.

# mode

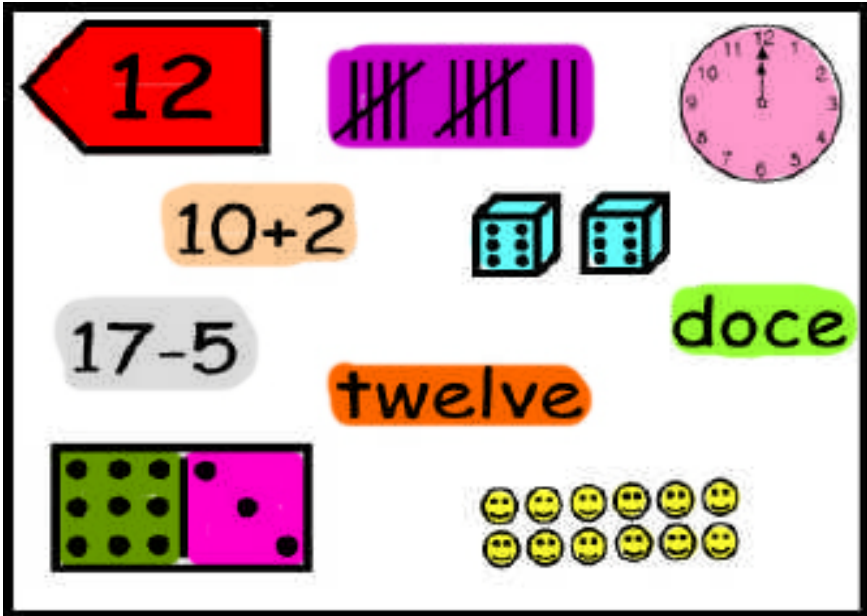
3, 4, 4, 4, 5, 5, 6



mode

The value that occurs most often in a set of data.

# name-collection box



A boxlike diagram tagged with a given number and used for writing the names for that number.

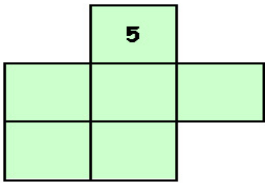
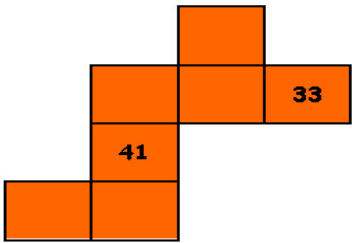
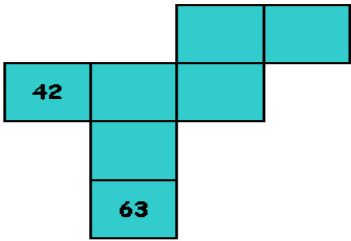
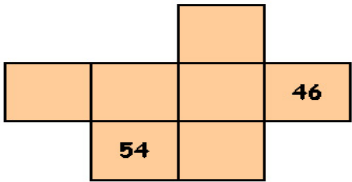
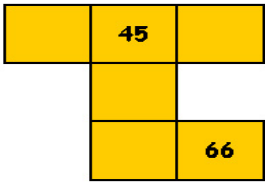
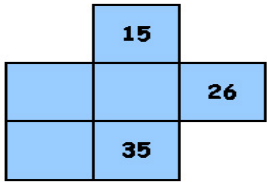
# number-grid

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

A table with  
consecutive numbers  
arranged in rows of  
ten.



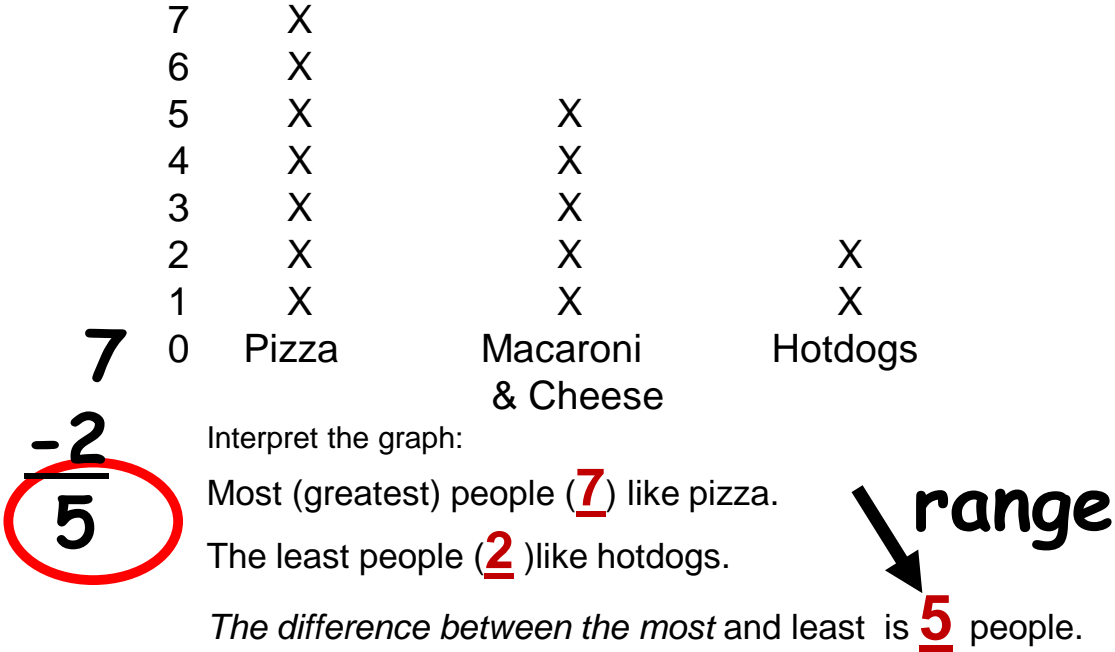
# number-grid puzzle



A part of the number grid with numbers missing.

# range

Favorite Food



The difference between the greatest and least numbers in a set of data.

# Table of Contents

## Reference Frames .....169

Temperature .....170


Time .....174

Calendar .....176

A list of what is in the book in the order it appears and the page number it starts on.

# tally chart

Mark	Tally	Frequency
2		1
3		2
4		3
5		3
6		5
7		6
8		7
9		2
10		1

Favorite Pets		
Pet	Tally Marks	Number
		10
		4
		6

Drinks	Votes
Apple Juice	
Pepsi	
Coke	
Milk	

Tally charts are used to organize and display data. A tally chart is a table that shows how many times each value appears.

# tool kit



A bag containing  
things needed in  
math.

# unit

24 children

1 kg

30 cents

27 ducks

3 o'clock

A label, descriptive word, or unit of measure used to put a number in context.