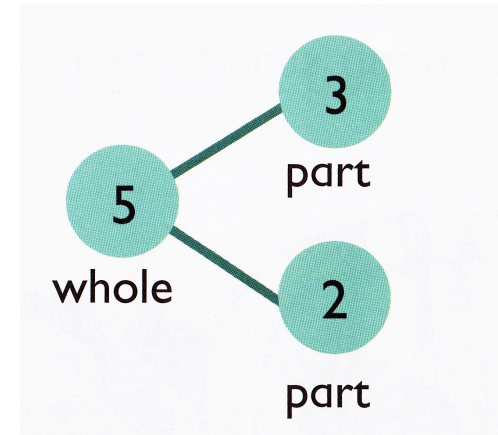


number bond



2nd: Mod. 1

Say Ten Way

$$24 = 2 \text{ tens } 4$$

2nd: Mod. 1

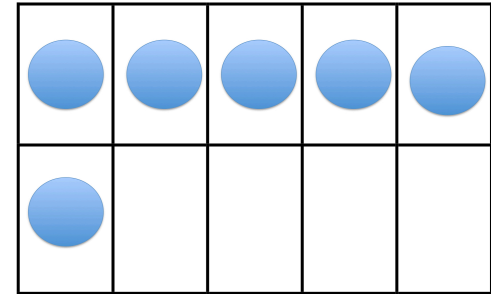
Standard way

24

2nd: Mod. 1

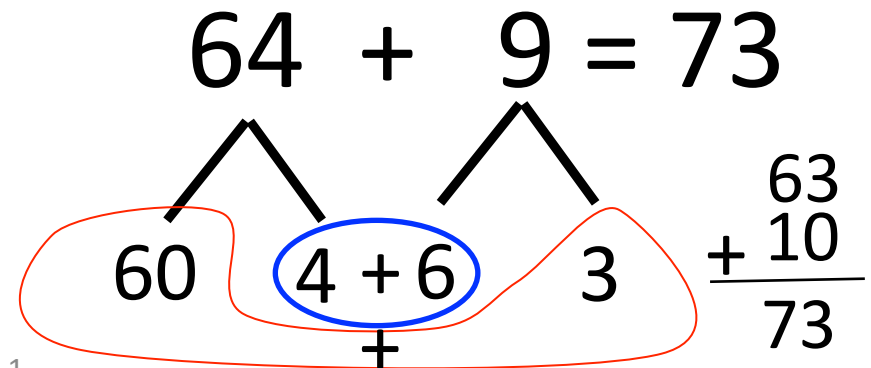
ten frame

*a math model used to show
10*



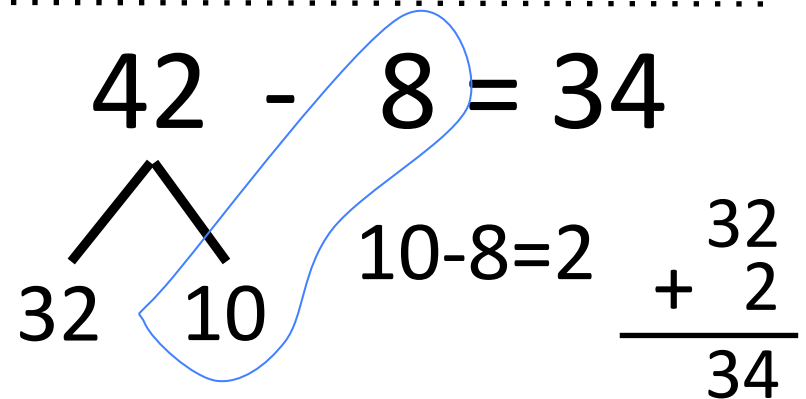
2nd: Mod. 1

addition number bond



2nd: Mod. 1

subtraction number bond

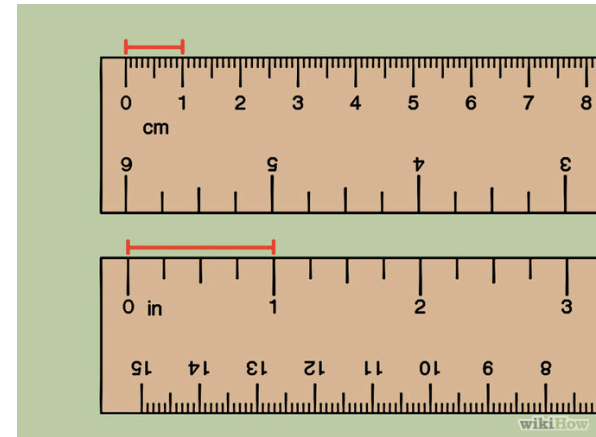


2nd: Mod. 1

centimeter

a metric unit of length

2nd: Mod. 2



meter tape

a tool for measuring round objects

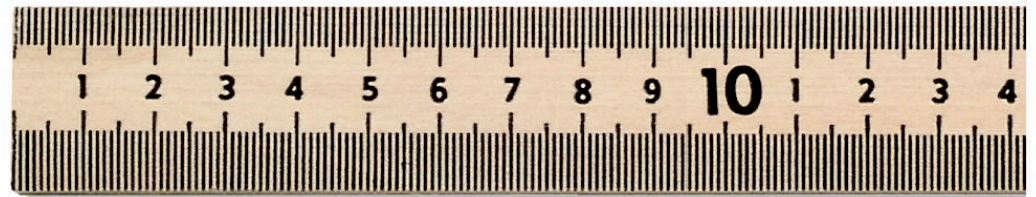
2nd: Mod. 2



meter

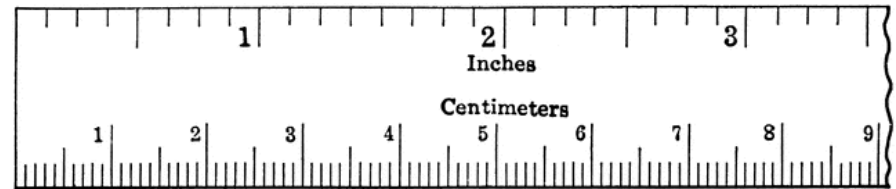
100 cm, standard unit of length in the metric system

2nd: Mod. 2



ruler

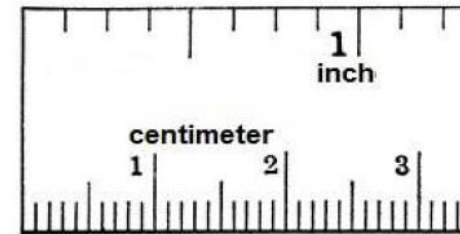
a tool used to measure inches or cm



2nd: Mod. 2/7

inch

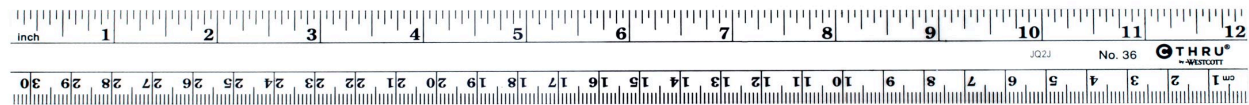
a standard measure of length in the U.S.



2nd: Mod. 2/7

foot

a standard measure of length in the U.S.



2nd: Mod. 2/7

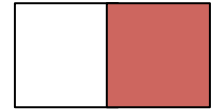
yardstick



a tool used to measure lengths up to 3 ft.

2nd: Mod. 2/7

mark and move forward



Mark the endpoint, move the beginning of the measuring tool and place it on the endpoint.

2nd: Mod. 2/7

standard form

512

2nd: Mod. 3

word form

five hundred twelve

2nd: Mod. 3

expanded form

500 + 10 + 2

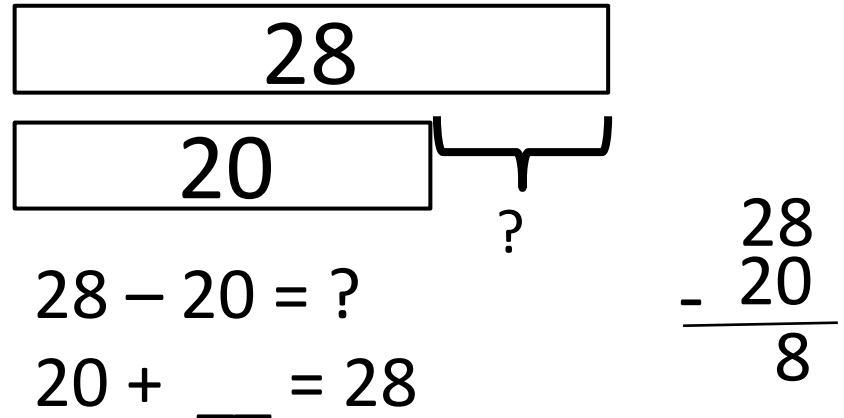
2nd: Mod. 3

unit form
counting

5 hundreds 1 ten 2 ones

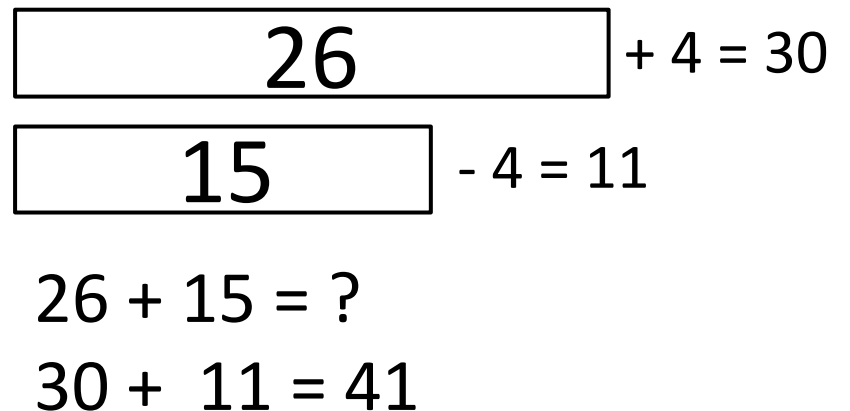
2nd: Mod. 3

tape diagram
(subtraction)



2nd: Mod. 3

tape diagram
(addition)



2nd: Mod. 3

place value disks

colored number disks used to represent numbers

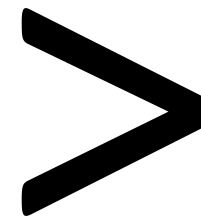
2nd: Mod. 3



greater than

larger than, more than

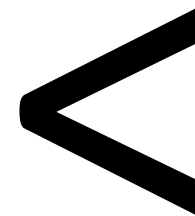
2nd: Mod. 3



less than

smaller than, fewer than

2nd: Mod. 3



equal to

Exactly the same amount or value



2nd: Mod. 3

2nd: Mod. 3

2nd: Mod. 3

Arrow notation

counting on, arrow way

$$2 \xrightarrow{+10} 12 \xrightarrow{+1} 13$$

2nd: Mod. 4

New Groups Below

Show newly composed units on the line below the appropriate place

$$\begin{array}{r} 27 \\ + 34 \\ \hline 1 \\ \hline 61 \end{array}$$

2nd: Mod. 4

Totals Below

Add the ones and write the total. Add the tens and write the total. Add the ones and tens together.

$$\begin{array}{r} 27 \\ + 34 \\ \hline 11 \\ 50 \\ \hline 61 \end{array}$$

2nd: Mod. 4

compose

*to make one larger unit from
10 smaller units (bundle)*

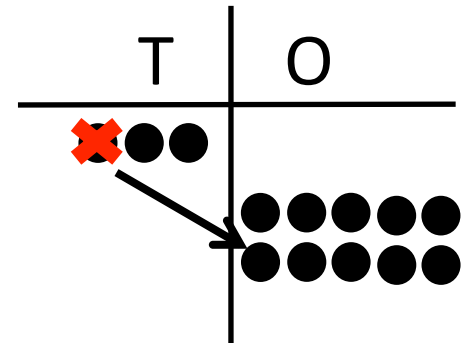
$$2 \xrightarrow{+10} 12 \xrightarrow{+1} 13$$

2nd: Mod. 4

decompose

*to break 1 larger unit into
10 smaller units (unbundle)*

$$\begin{array}{r} 2 \quad 30^{+10} \\ - 16 \\ \hline 14 \end{array}$$



2nd: Mod. 4

algorithm

*a step-by-step procedure to calculate
the answer to a math problem*

$$\begin{array}{r} 27 \\ + 32 \\ \hline 59 \end{array}$$

2nd: Mod. 4

compensation

$$\boxed{400} - 1 = 399$$

$$\boxed{286} - 1 = 285$$

*tape diagram, simplifying
strategy*

$$400 - 286 = ?$$

$$399 - 285 = ?$$

399

- 285

114

2nd: Mod. 5

addend + addend = sum

2nd: Mod. 6

repeated addition: $4+4+4=12$

2nd: Mod. 6

array

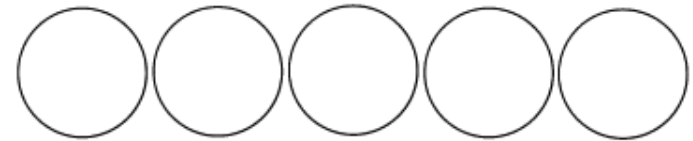
an arrangement of objects in rows and columns

2nd: Mod. 6

	2 + 2 + 2 + 2 + 2 + 2					
6						
+						
6						

ROWS

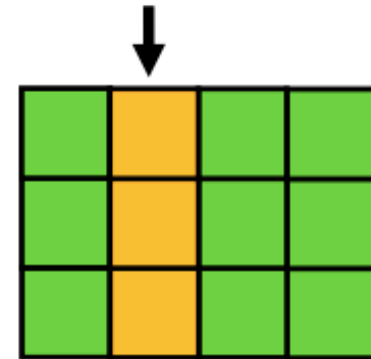
things lying side-by-side or horizontally



2nd: Mod. 6

COLUMNS

an arrangement of figures, one above the other



Columns go up and down.

2nd: Mod. 6

EVEN

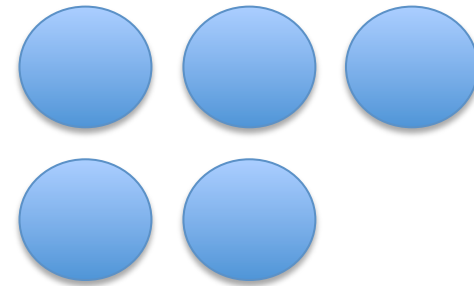
all items have a partner



2nd: Mod. 6

odd

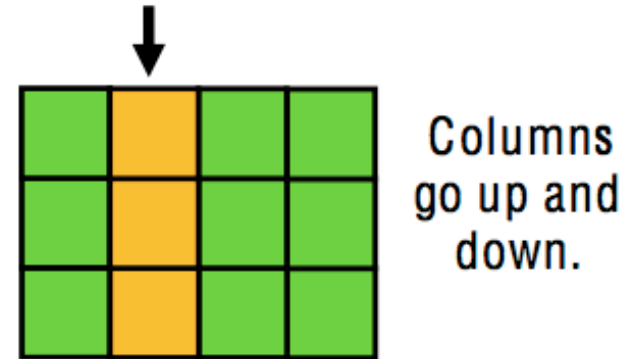
one item is without a partner



2nd: Mod. 6

columns

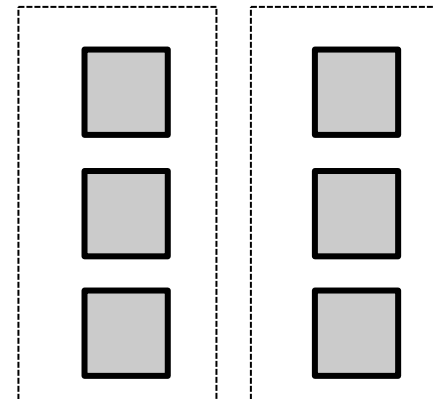
*an arrangement of figures,
one above the other*



2nd: Mod. 6

equal groups

*groups that have the same
number of items*



2nd: Mod. 6

data

information

2nd: Mod. 7

Favorite Sports	
Baseball	9
Basketball	6
Tennis	8
Soccer	5
Swimming	2
Skating	3

survey

*information collected from others
by asking a question and recording
the data*

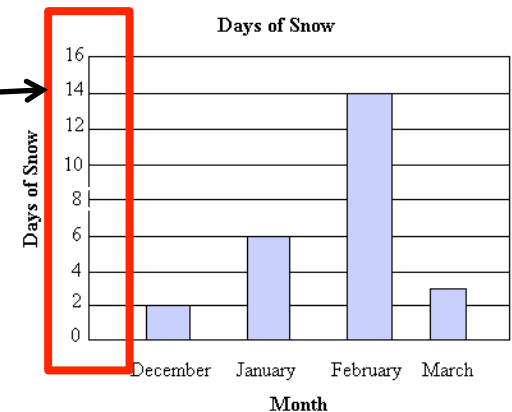
2nd: Mod. 7

Yellow	////	4
Red	###	5
Blue	### /	6
Green		1
Pink	////	4

scale

*a number line used to indicate
the various quantities represented*





2nd: Mod. 7



legend

explains what symbols represent

Number of Books Read

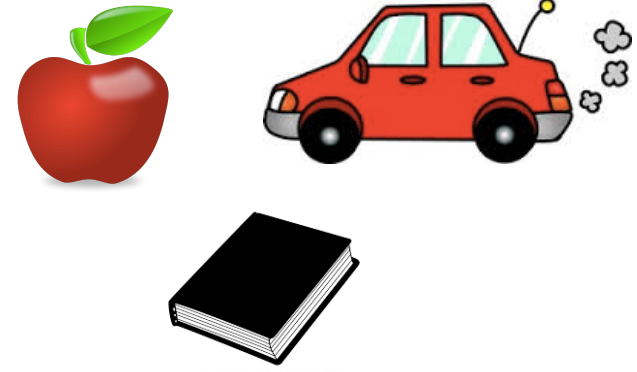
Jeremy	
Judy	
David	
Kelly	
Emily	

2nd: Mod. 7

Each  stands for 5 books.

symbol

a picture that represents something



2nd: Mod. 7

table

representation of data using rows and columns

2nd: Mod. 7

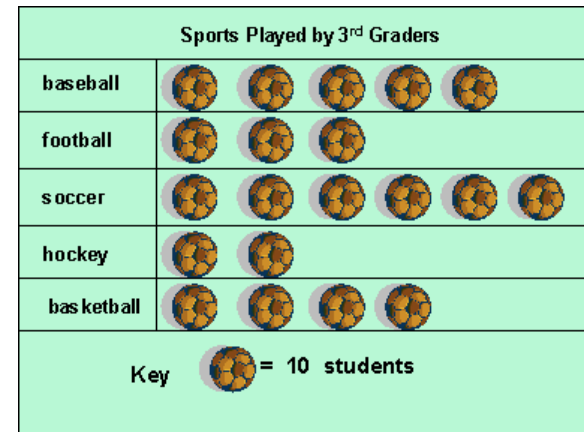
Favorite Subjects

Subject	Votes
Science	12
Math	9
History	15
Art	18

picture graph

a graph a symbol or picture to represent data

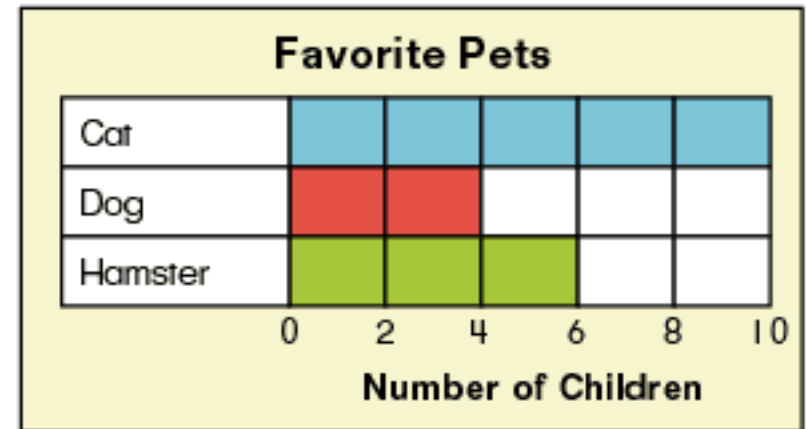
2nd: Mod. 7



bar graph

a graph with bars colored in

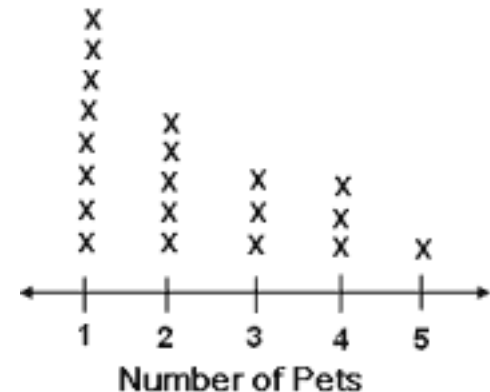
2nd: Mod. 7



line plot

a graph that displays data on a number line

2nd: Mod. 7



endpoint

the ends of a line segment



2nd: Mod. 7

coins

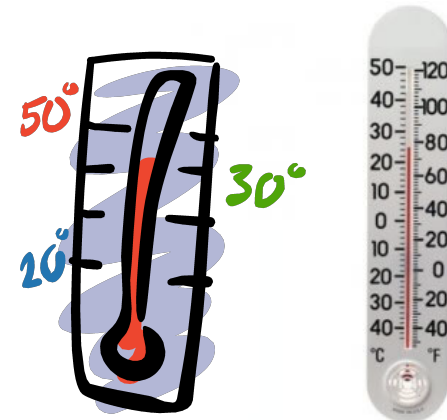
penny, nickel, dime, quarter



2nd: Mod. 7

thermometer

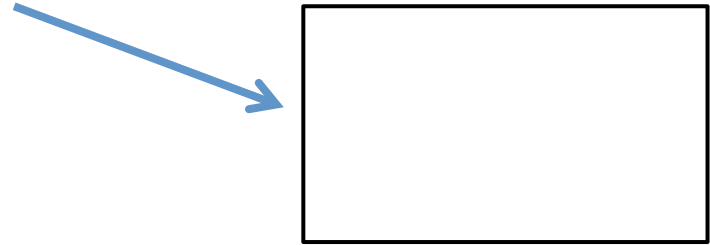
tool used to measure temperature



2nd: Mod. 7

sides

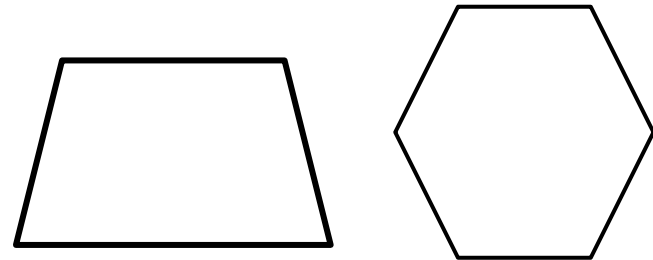
lines



2nd: Mod. 8

closed shape

all sides are connected



2nd: Mod. 8

open shape

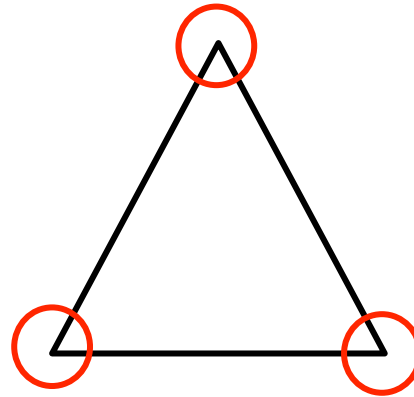
not all sides are connected



2nd: Mod. 8

attributes

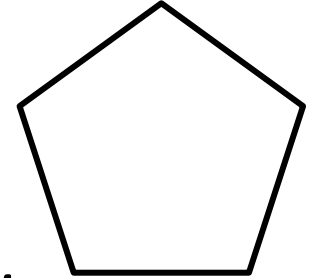
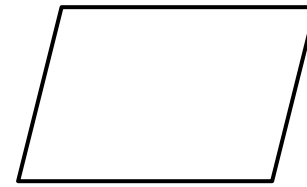
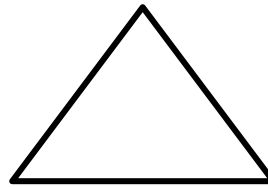
characteristics



- corners/angles
- sides
- closed

2nd: Mod. 8

polygon

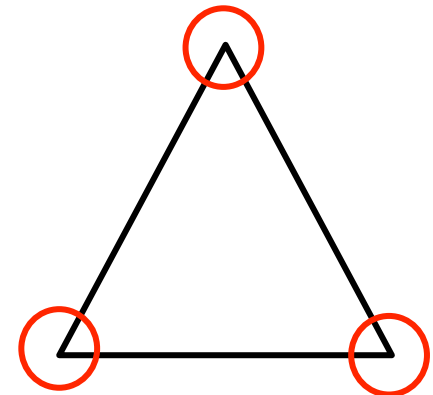


closed figure with 3 or more straight sides, e.g., triangle, quadrilateral, pentagon, hexagon

2nd: Mod. 8

angle

figure formed by the corner of a polygon

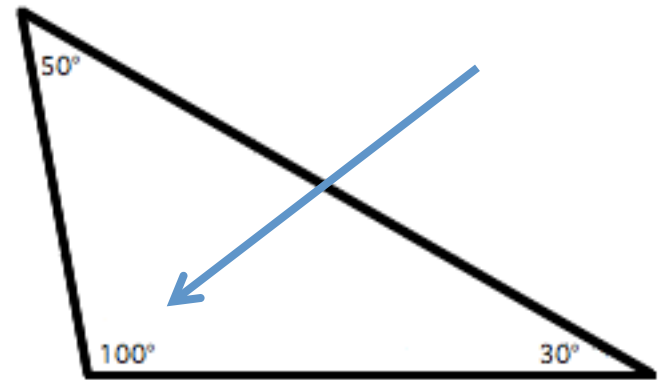


2nd: Mod. 8

obtuse angle

an angle that is greater than 90 degrees

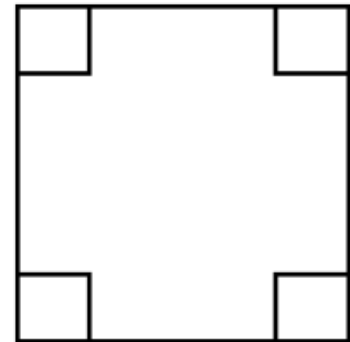
2nd: Mod. 8



right angle

figure formed by the corner of a polygon

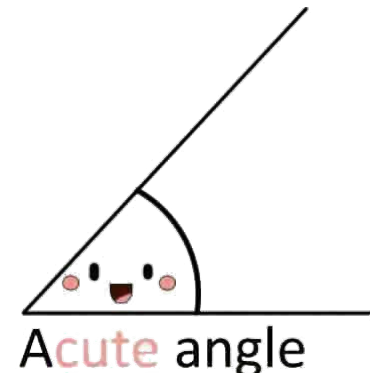
2nd: Mod. 8



acute angle

an angle that is less than 90 degrees

2nd: Mod. 8



trapezoid

a closed shape with 4 sides and one set of parallel lines



2nd: Mod. 8

parallel

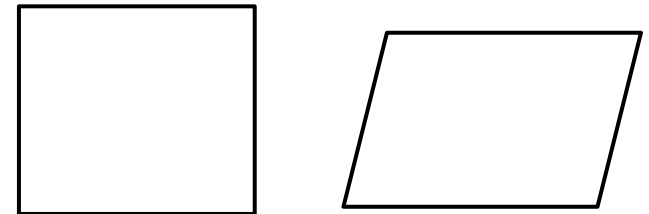
lines that do not intersect, even when extended in both directions



2nd: Mod. 8

quadrilateral

a closed, 4-sided polygon

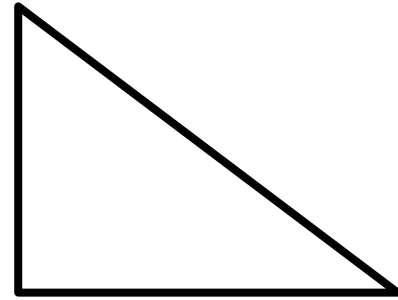


2nd: Mod. 8

triangle

a closed, 3-sided polygon with 3 angles

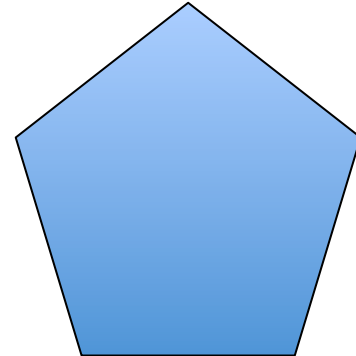
2nd: Mod. 8



pentagon

a closed, 5-sided polygon with 5 angles

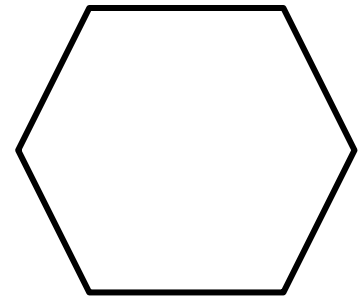
2nd: Mod. 8



hexagon

a closed, 6-sided polygon with 6 angles

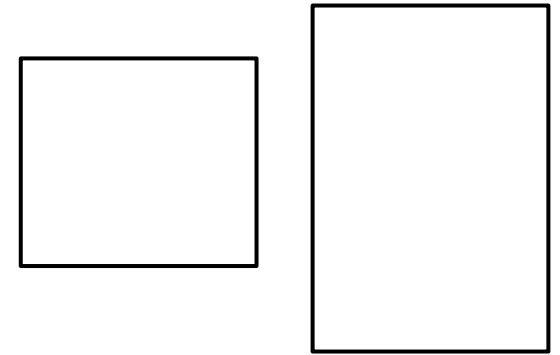
2nd: Mod. 8



parallelogram

*a closed shape with 4 sides
and two sets of parallel lines*

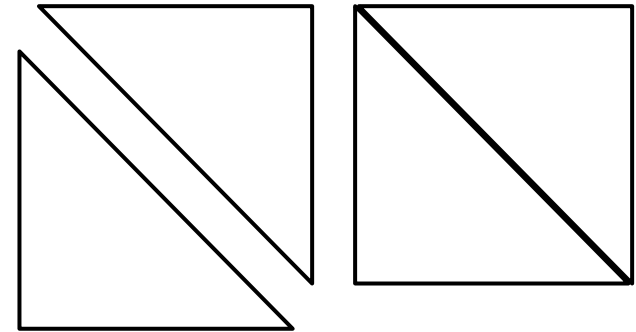
2nd: Mod. 8



composite shapes

*shapes composed of two
or more shapes*

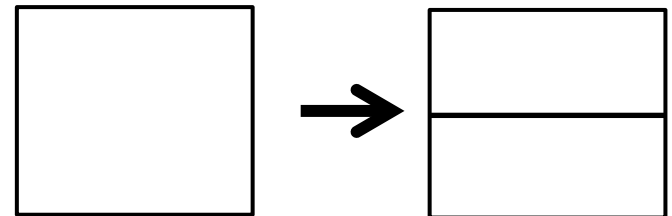
2nd: Mod. 8



partition

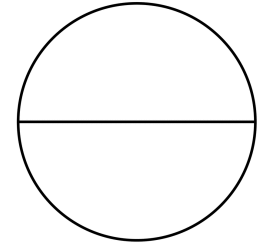
to divide into parts

2nd: Mod. 8



halves

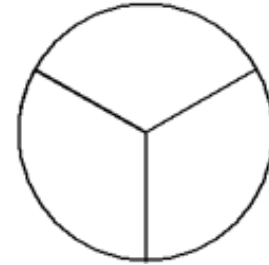
two equal shares



2nd: Mod. 8

third of

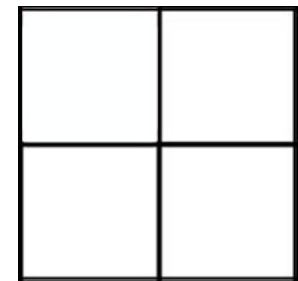
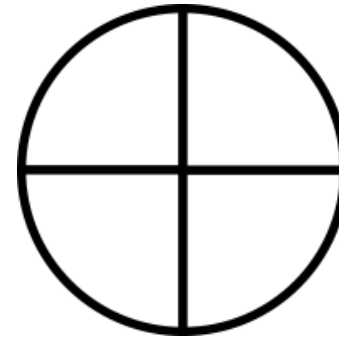
three equal shares



2nd: Mod. 8

fourth of

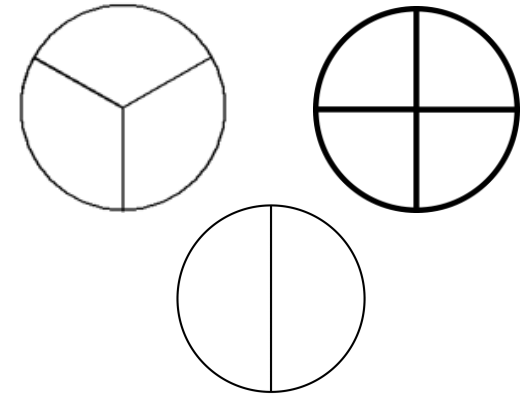
four equal shares



2nd: Mod. 8

a whole

*can be made up of 2 halves,
3 thirds, or 4 fourths*



2nd: Mod. 8

half past

30 minutes after the hour



2nd: Mod. 8

a quarter to

*15 minutes until the next
hour*

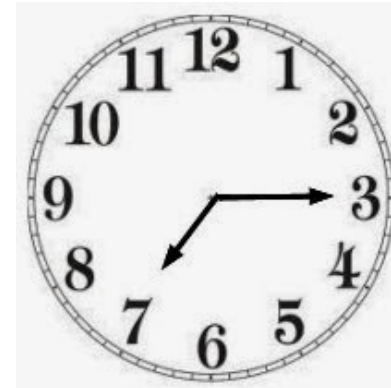


2nd: Mod. 8

a quarter past

15 minutes after the hour

2nd: Mod. 8



analog clock

a clock that is not digital

2nd: Mod. 8



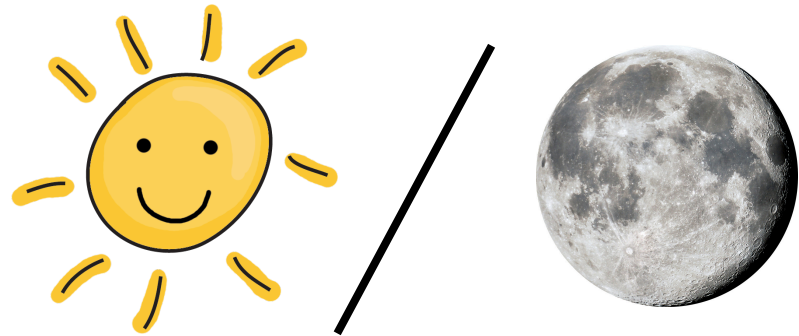
digital clock



2nd: Mod. 8

AM/PM

Day/Night



2nd: Mod. 8

elapsed time

*the time that passes while
some event is occurring*



Start



End

2nd: Mod. 8

2nd: Mod. 8