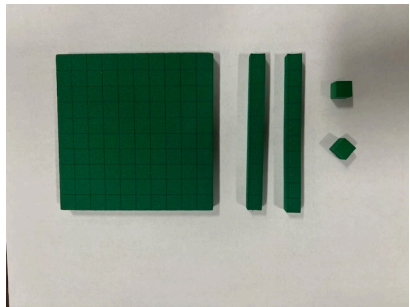


# Base-Ten Blocks

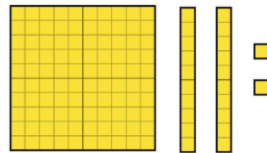
Grade-Level Recommendation: 1 - 6

Cubes, flats, rods, and units can represent 1,000, 100, 10, and 1 or 10, 1, 0.1, and 0.01.

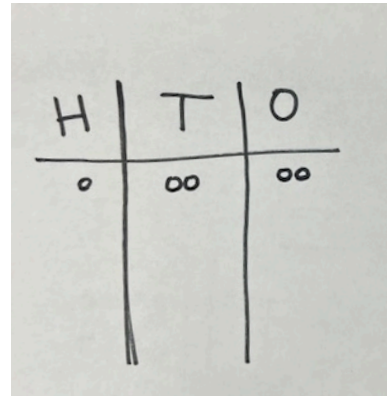
Concrete



Visual



Pictorial



Abstract

122



Virtual  
Manipulative

Purchase  
Link

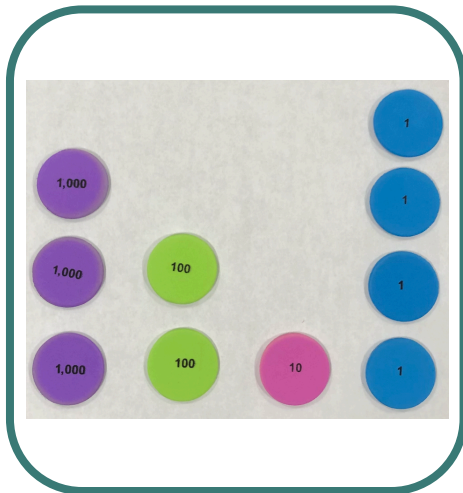


# Place Value Disks

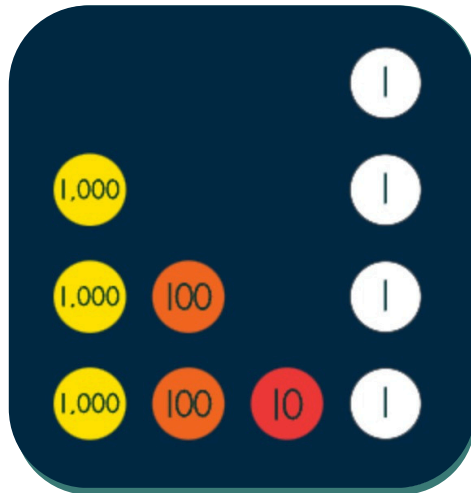
Grade-Level Recommendation: 2 - 6

Each colored disk represents a different place value,  
from 1,000,000 to 0.01.

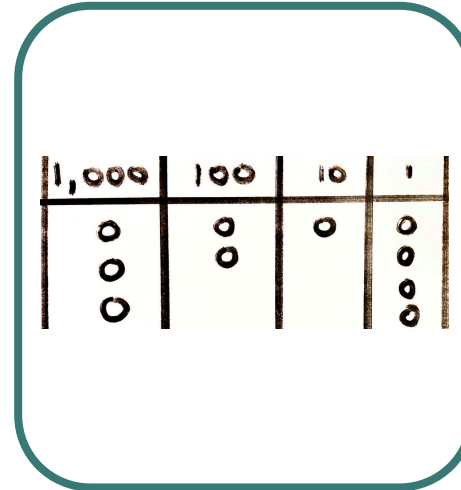
Concrete



Visual



Pictorial



Abstract

3,214



Virtual  
Manipulative

Purchase  
Link



# Hundred Board

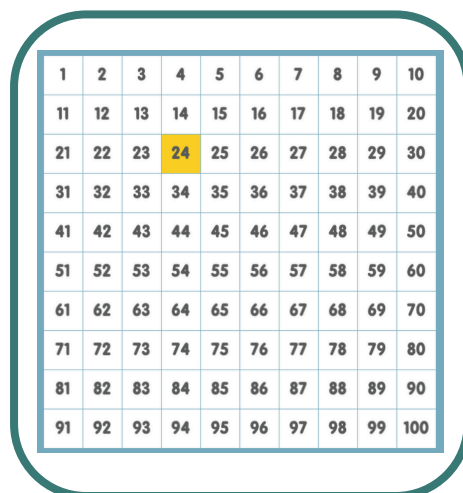
Grade-Level Recommendation: PK - 5

The numbers 1 through 100 are presented in sequential order in rows of 10.

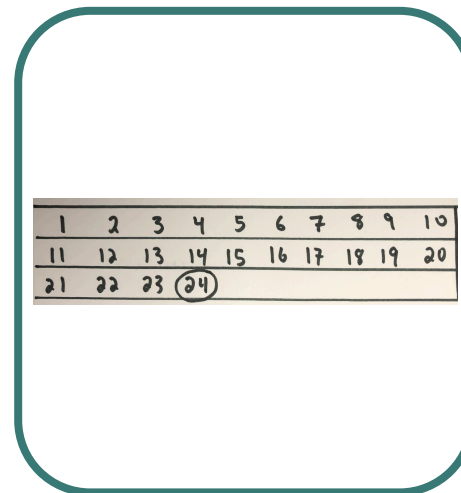
## Concrete



## Visual



## Pictorial



## Abstract

24



Virtual  
Manipulative

Purchase  
Link

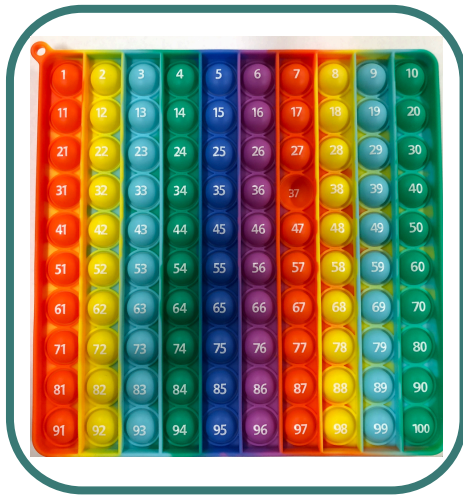


# Pop-It Hundred Board

Grade-Level Recommendation: PK - 5

The numbers 1 through 100 are presented in sequential order in rows of 10.

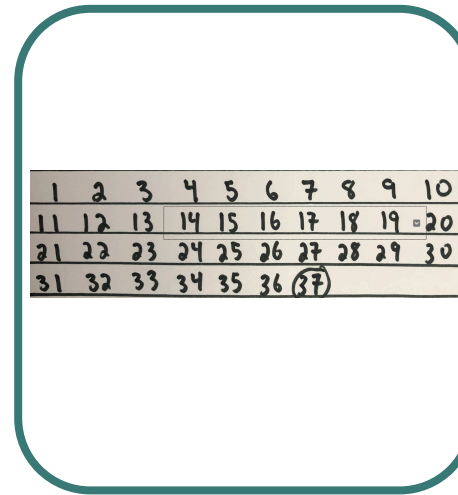
Concrete



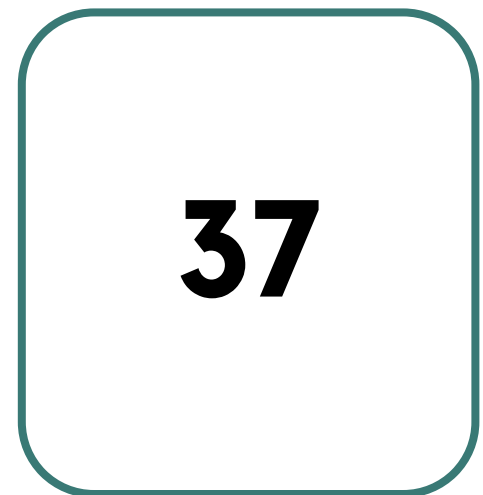
Visual

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

Pictorial



Abstract



Virtual  
Manipulative

Purchase  
Link



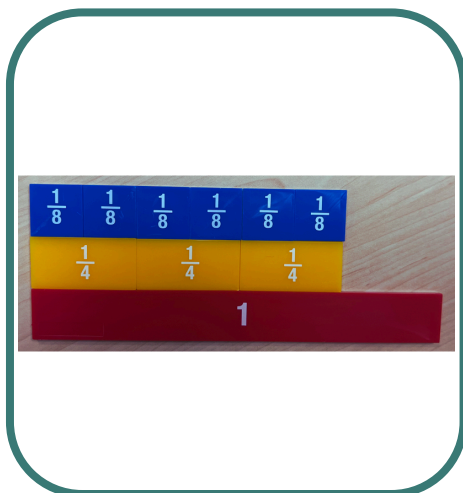


# Fraction Tiles

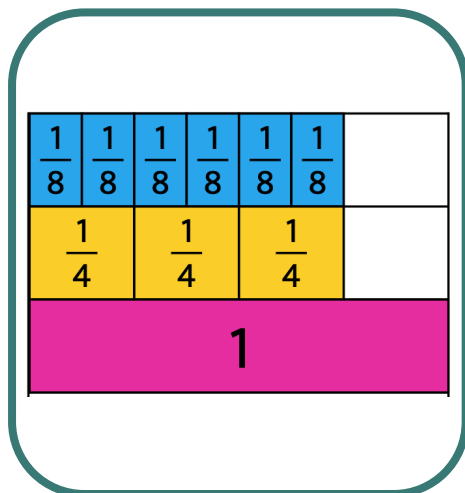
Grade-Level Recommendation: 3 - 6

Each colored rod represents a whole,  
 $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$ ,  $\frac{1}{8}$ ,  $\frac{1}{10}$ , or  $\frac{1}{12}$ .

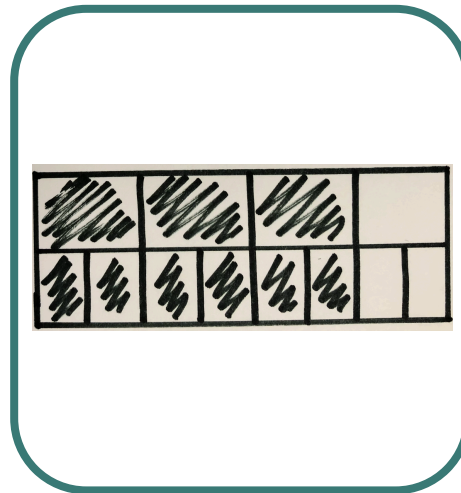
Concrete



Visual



Pictorial



Abstract

$$\frac{6}{8} = \frac{3}{4}$$



  
Virtual  
Manipulative

Purchase  
Link

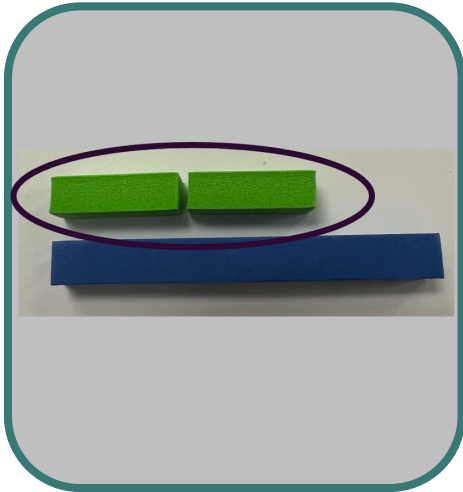


# Cuisenaire Rods

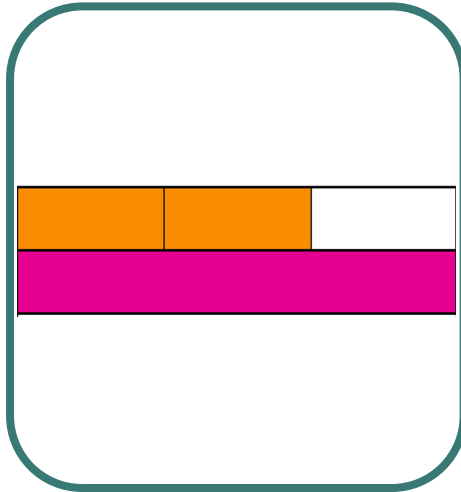
Grade-Level Recommendation: K - 8

Each colored rod represents a fraction,  
from  $\frac{1}{10}$  to a whole.

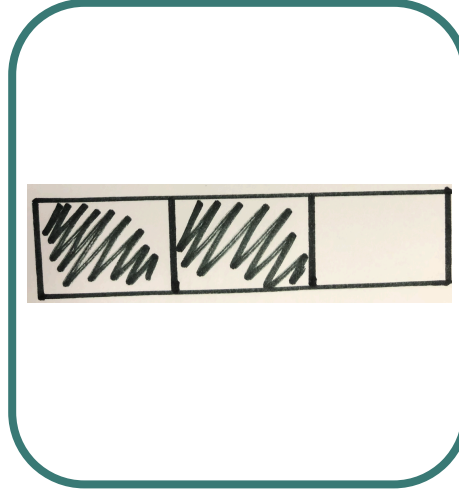
**Concrete**



**Visual**



**Pictorial**



**Abstract**

$$\frac{2}{3}$$



  
**Virtual  
Manipulative**

**Purchase  
Link**

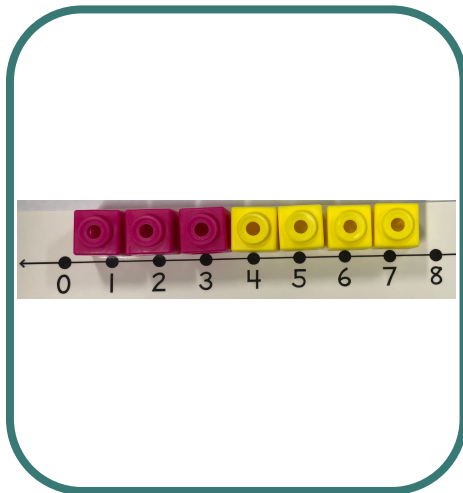


# Number Lines

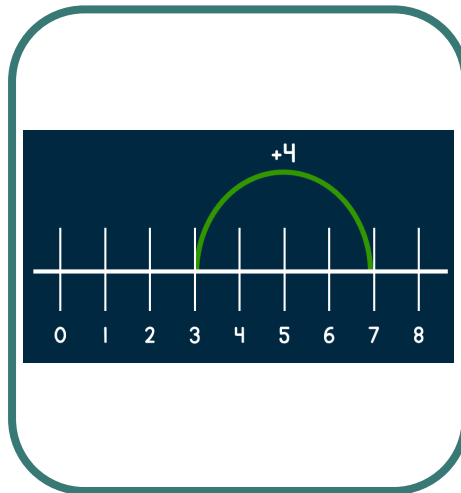
Grade-Level Recommendation: PK - 6

Number lines can be used to learn about whole numbers, fractions, decimals, and percentages.

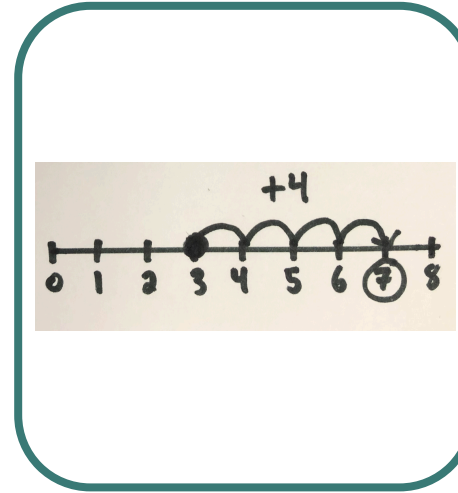
**Concrete**



**Visual**



**Pictorial**



**Abstract**

$$3 + 4 = 7$$



Virtual  
Manipulative

Purchase  
Link



# Fraction Circles

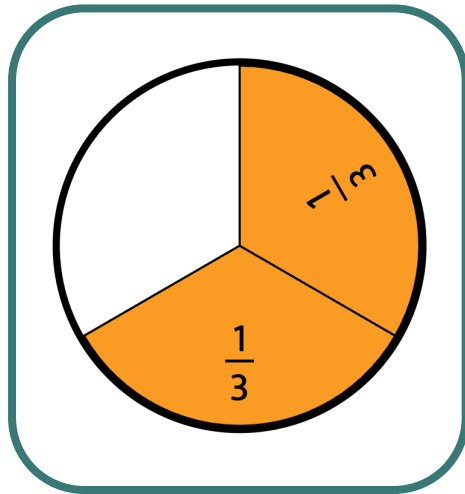
Grade-Level Recommendation: 3 - 6

Each colored part represents a whole,  
 $\frac{1}{2}$ ,  $\frac{1}{3}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{1}{6}$ ,  $\frac{1}{8}$ ,  $\frac{1}{10}$ , or  $\frac{1}{12}$ .

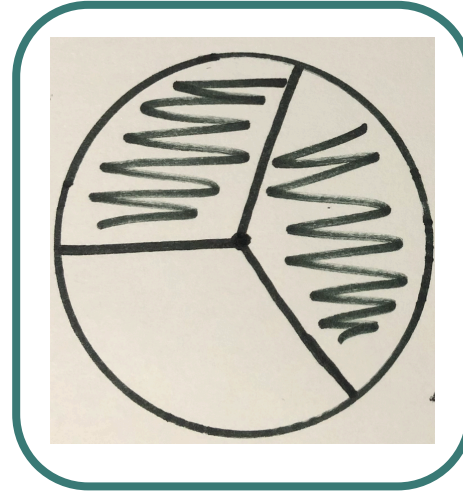
Concrete



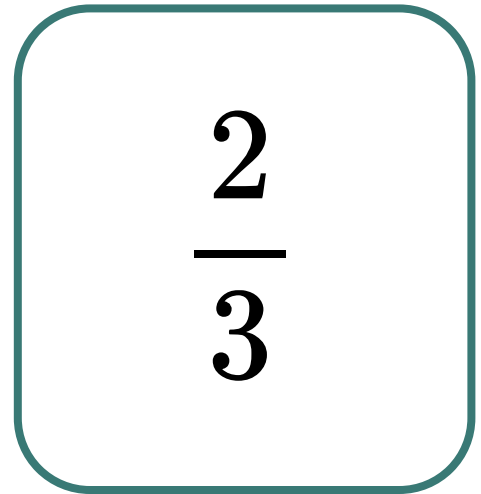
Visual



Pictorial



Abstract



  
Virtual  
Manipulative

Purchase  
Link

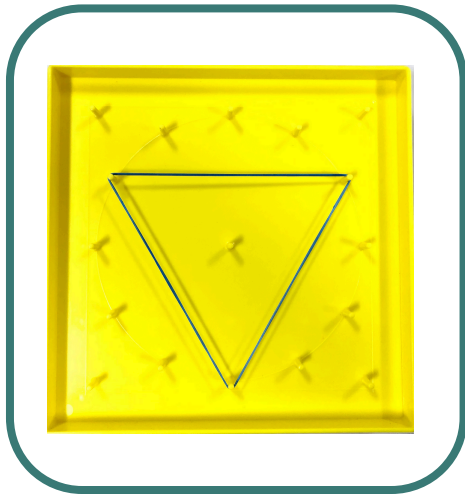


# Geoboards

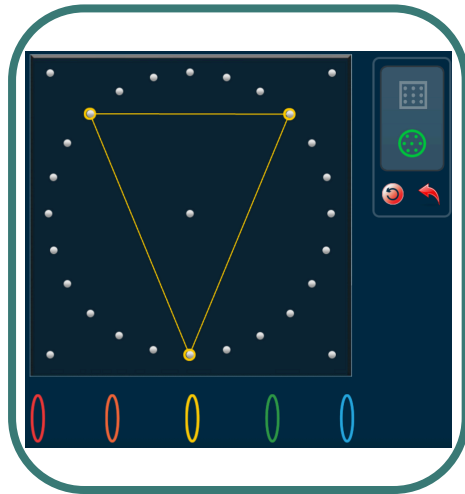
Grade-Level Recommendation: 4 - 12

Geoboards can be used to explore concepts in plane geometry by stretching rubber bands to create various shapes.

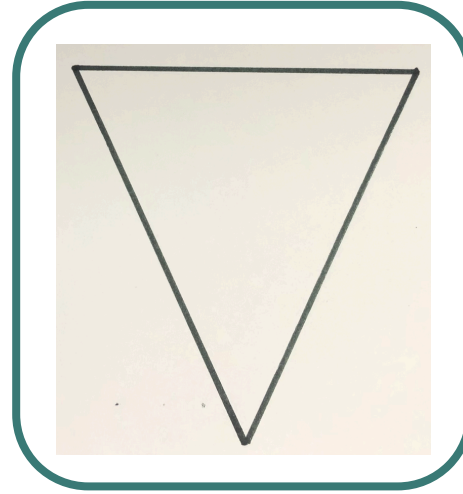
**Concrete**



**Visual**



**Pictorial**



**Abstract**

**Triangle**



Virtual  
Manipulative

Purchase  
Link



# Pattern Blocks

Grade-Level Recommendation: PK - 8

For a fraction, one shape can show the area of a fraction with other shapes showing the parts.

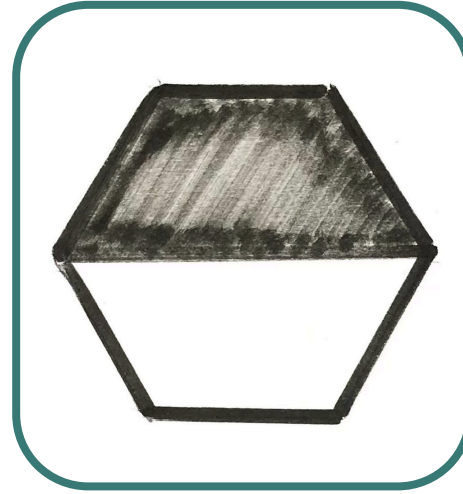
**Concrete**



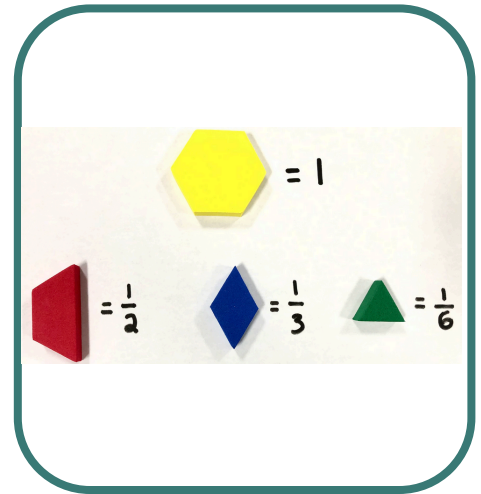
**Visual**



**Pictorial**



**Abstract**



  
Virtual  
Manipulative

Purchase  
Link



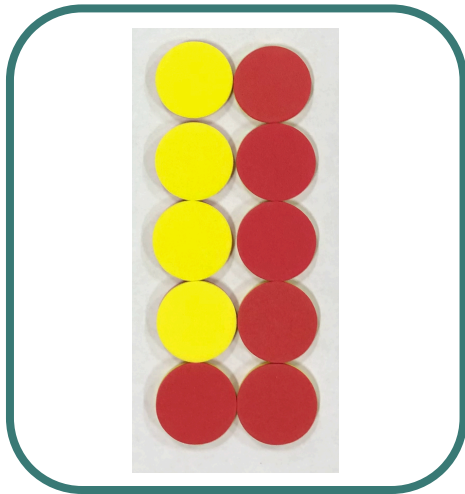


# Two-Color Counters

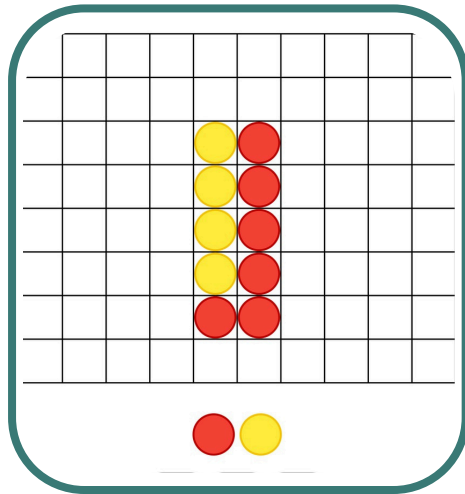
Grade-Level Recommendation: K - 8

For fractions, red counters can show the denominator and yellow counters can show the numerator.

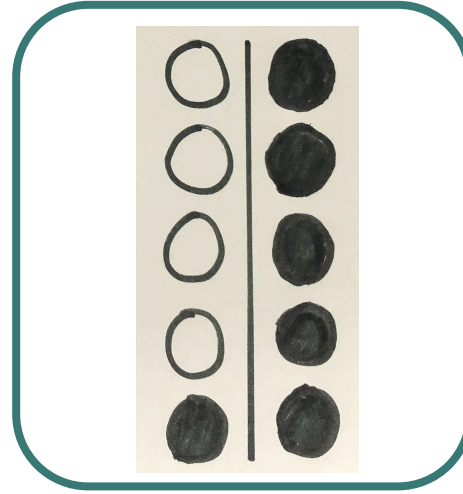
**Concrete**



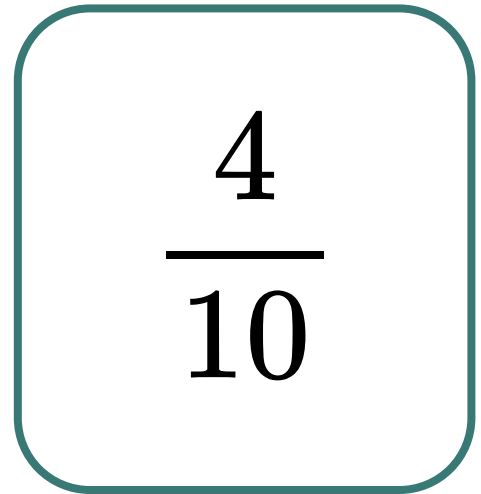
**Visual**



**Pictorial**



**Abstract**



  
Virtual  
Manipulative

Purchase  
Link

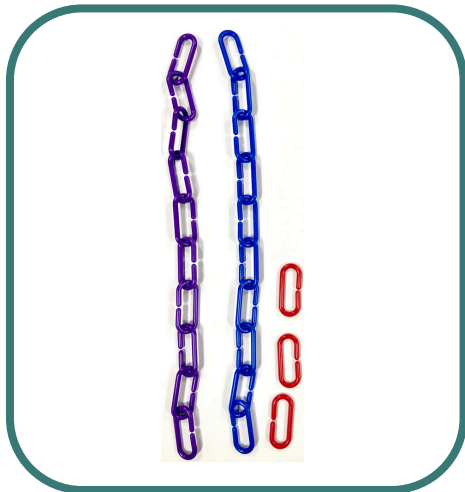


# Math Links

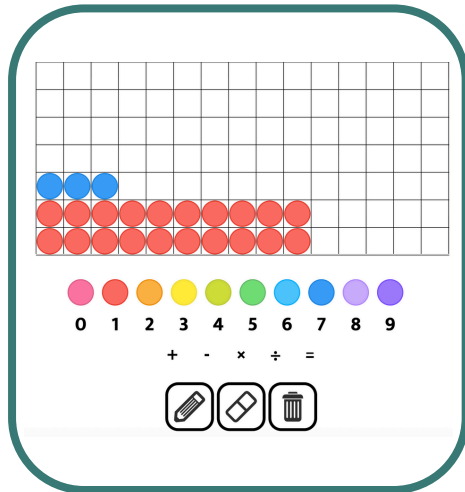
Grade-Level Recommendation: PK - 8

For place value, links can be connected to create sets of 10, and individual links can represent 1.

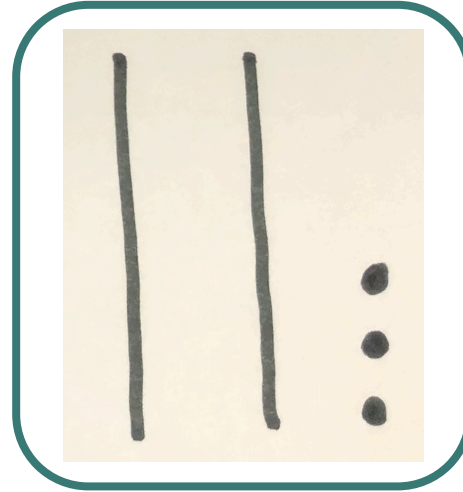
Concrete



Visual



Pictorial



Abstract



Virtual  
Manipulative

Purchase  
Link

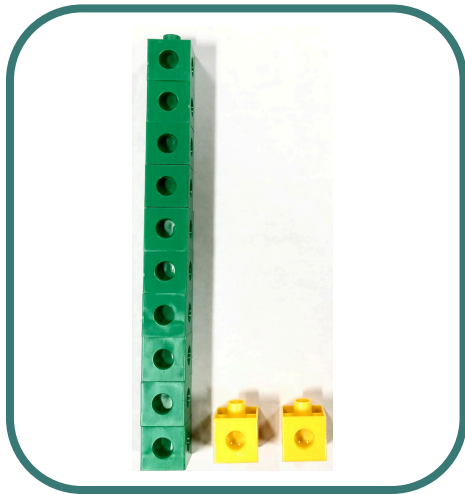


# Snap Cubes

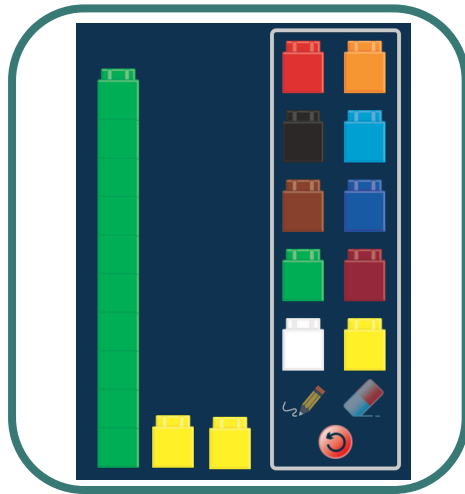
Grade-Level Recommendation: PK - 8

For place value, cubes can be connected to create sets of 10, and individual cubes can represent 1.

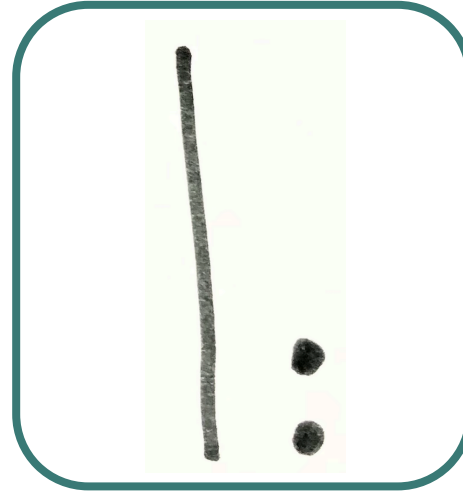
**Concrete**



**Visual**



**Pictorial**



**Abstract**



Virtual  
Manipulative

Purchase  
Link



# Coins

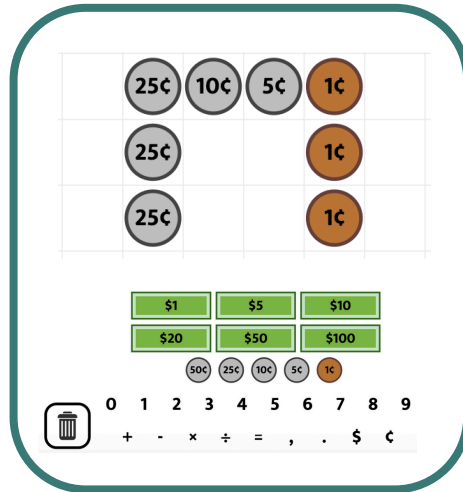
Grade-Level Recommendation: K - 5

Coins show quarters, dimes, nickels, and pennies.

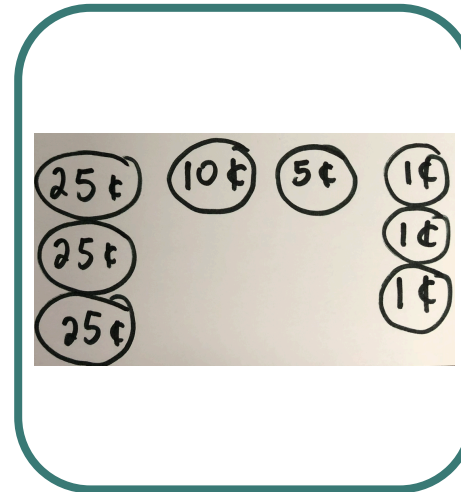
## Concrete



## Visual



## Pictorial



## Abstract

93¢



Virtual  
Manipulative

Purchase  
Link



# AngLegs®

Grade-Level Recommendation: 3 - 8

Plastic sticks can be pinned together to create angles and shapes.

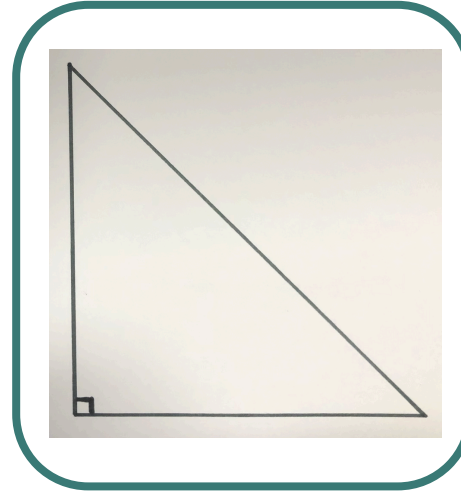
**Concrete**



**Visual**



**Pictorial**



**Abstract**

**Right Angle**  
or  
**90°**



  
**Virtual  
Manipulative**

**Purchase  
Link**

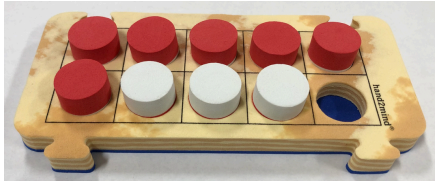


# Ten Frames

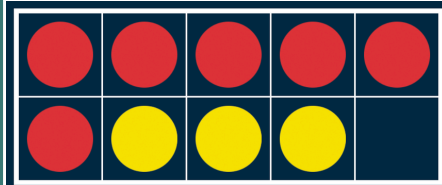
Grade-Level Recommendation: K - 2

Two rows of five boxes each, totaling ten boxes.  
Each box represents one unit.

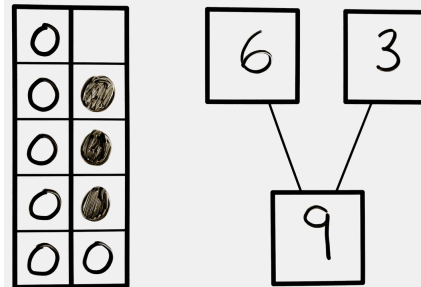
Concrete



Visual



Pictorial



Abstract

$$6 + 3 = 9$$



  
Virtual  
Manipulative

Purchase  
Link





# Clocks

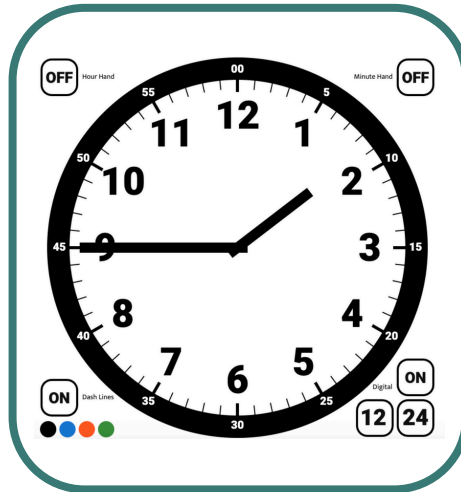
Grade-Level Recommendation: K - 5

Clocks show time. They have hours and hands that point to the hour and minutes.

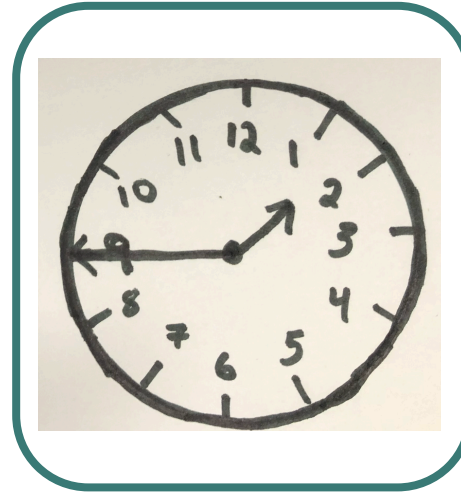
**Concrete**



**Visual**



**Pictorial**



**Abstract**

**1:45 PM**



  
**Virtual  
Manipulative**

**Purchase  
Link**



# Balance Scales

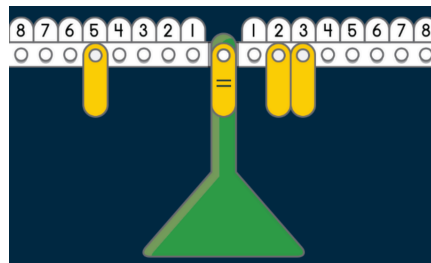
Grade-Level Recommendation: K - 1

Add or take away items to make the scale even.

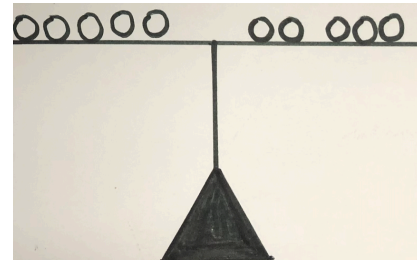
**Concrete**



**Visual**



**Pictorial**



**Abstract**

$$5 = 2 + 3$$



  
Virtual  
Manipulative

Purchase  
Link

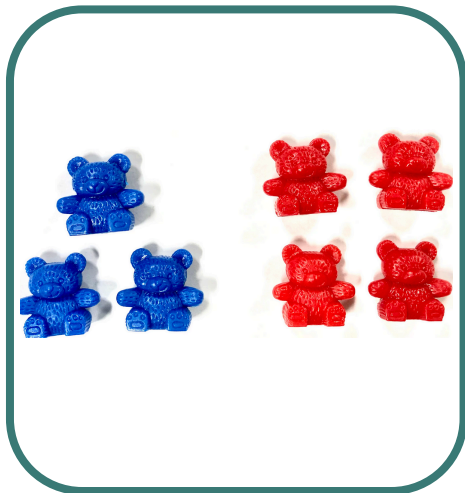


# Counters

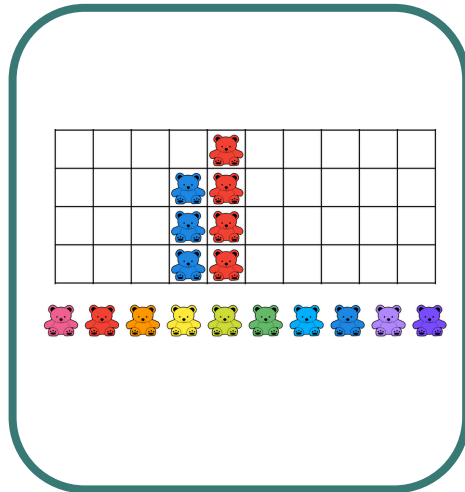
Grade-Level Recommendation: K - 2

Use to count, sort, and show math concepts like adding, subtracting, and comparing.

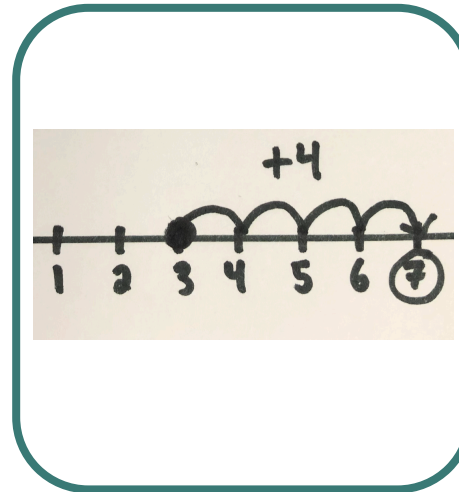
## Concrete



## Visual



## Pictorial



## Abstract

$$3 + 4 = 7$$



  
Virtual  
Manipulative

Purchase  
Link

