Mathematics Vocabulary Cards – Grade 4

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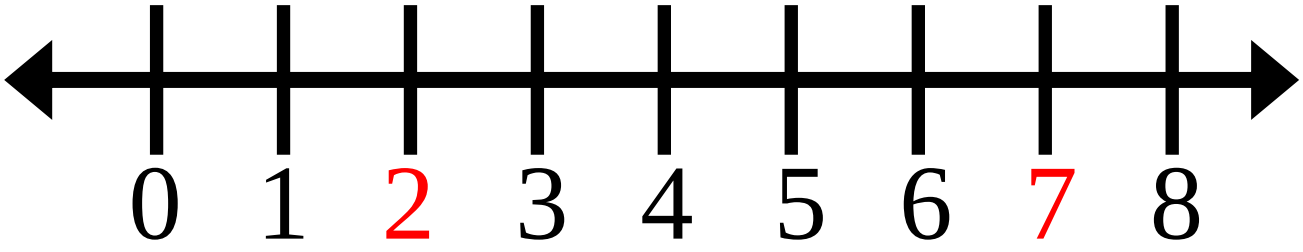
Place Value

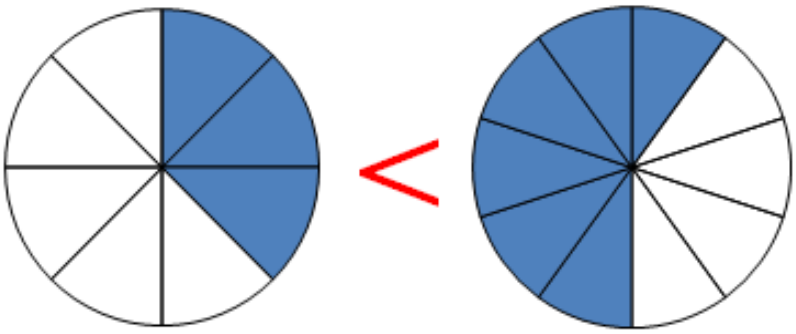
Millions		Hundred Thousands	Ten Thousands	Thousands		Hundreds	Tens	Ones
1	,	2	3	5	,	4	8	6

Less than

$<$



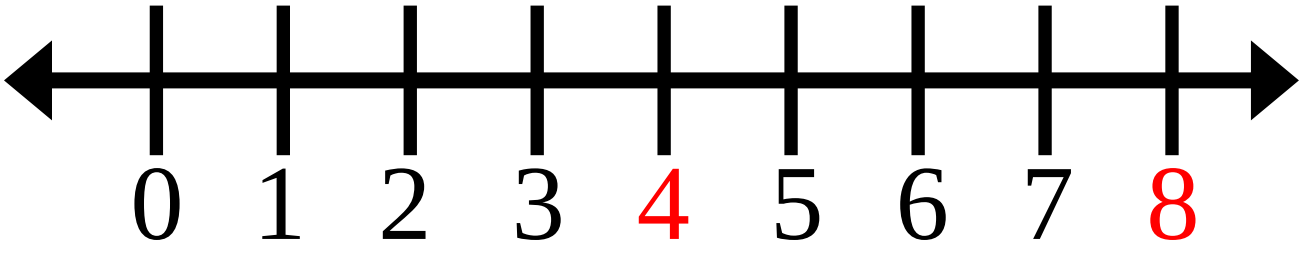
$2 < 7$



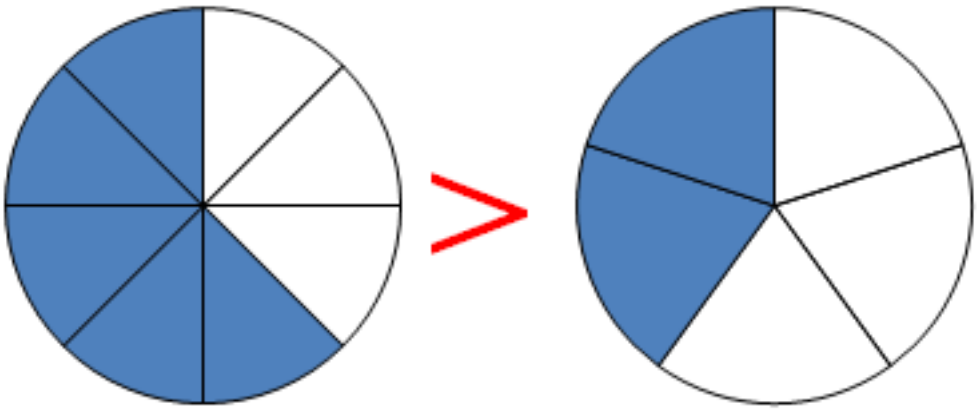
$\frac{3}{8} < \frac{6}{10}$

Greater than

>



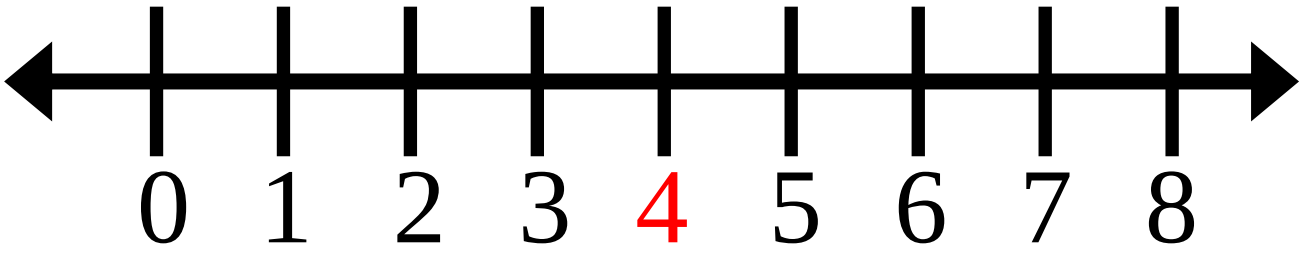
$8 > 4$



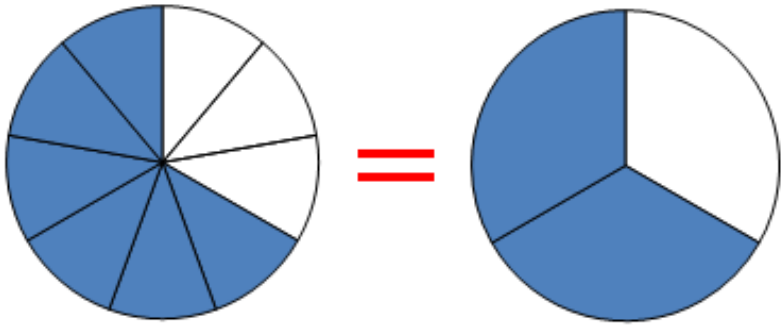
$\frac{5}{8} > \frac{2}{5}$

Equal to

=

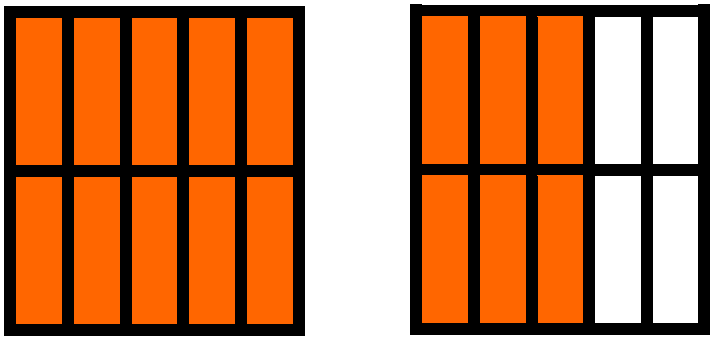


$4 = 4$



$\frac{6}{9} = \frac{2}{3}$

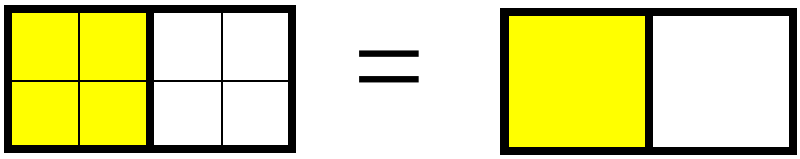
Mixed Number



$1\frac{6}{10}$

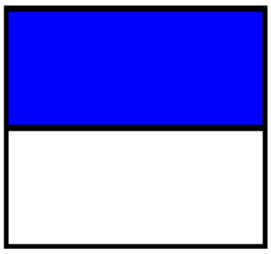
Equivalent Fractions

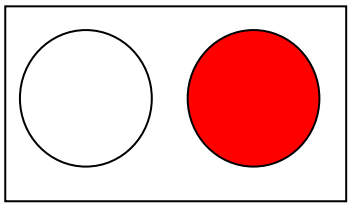
$$\frac{4}{8} = \frac{1}{2}$$

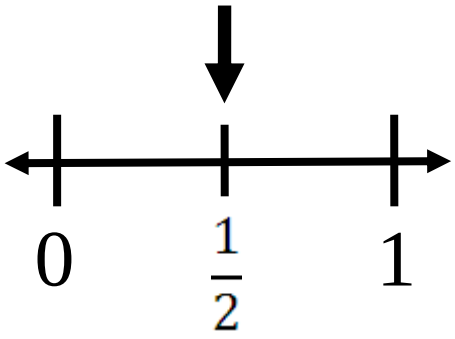


Fraction

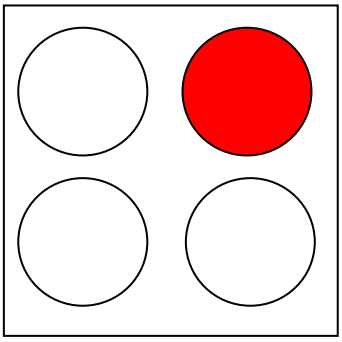
$\frac{1}{2}$

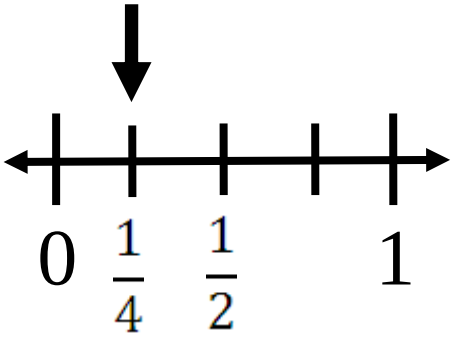






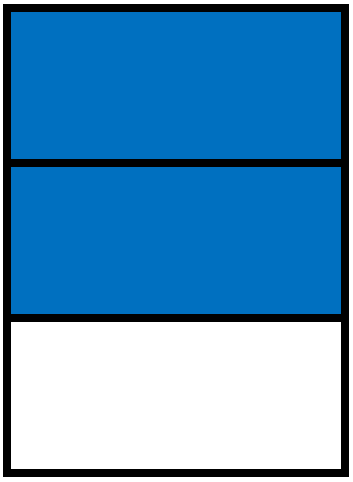
$\frac{1}{4}$

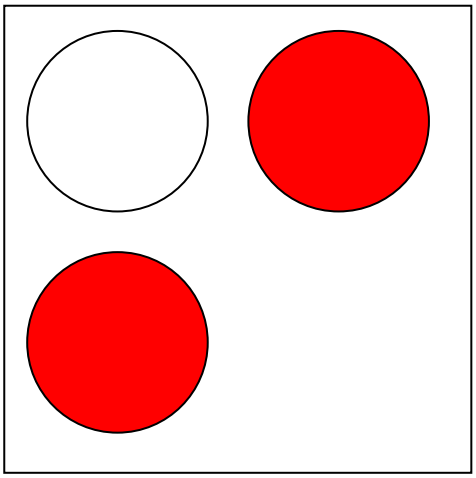


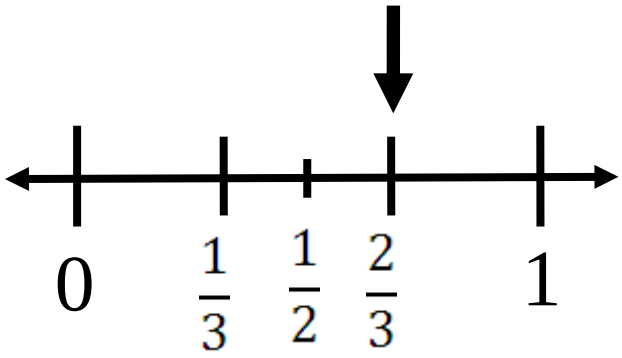


Fraction

$\frac{2}{3}$

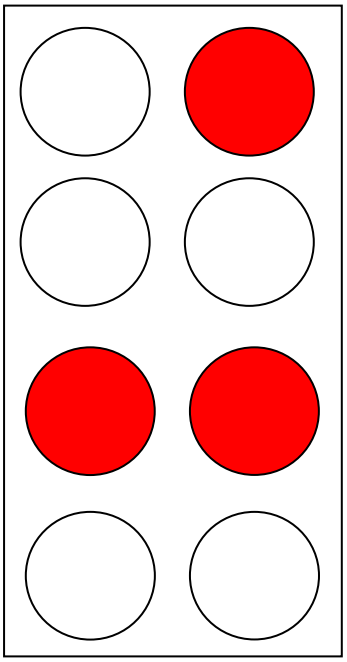


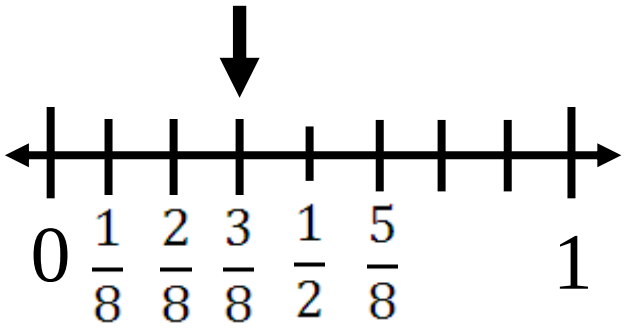




Fraction

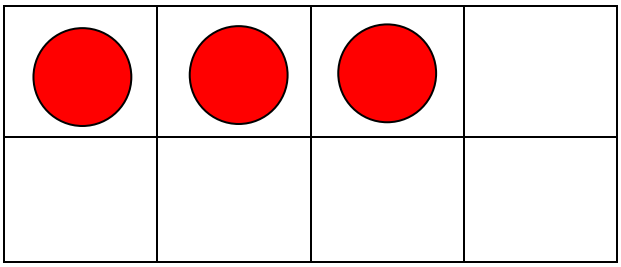
$\frac{3}{8}$

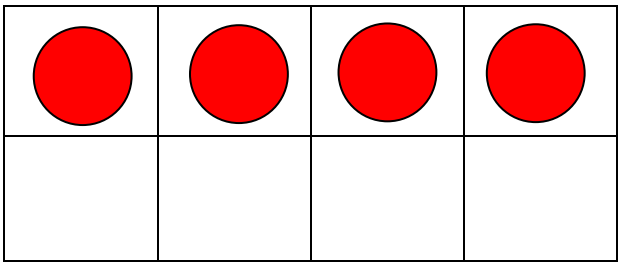




Fraction Addition

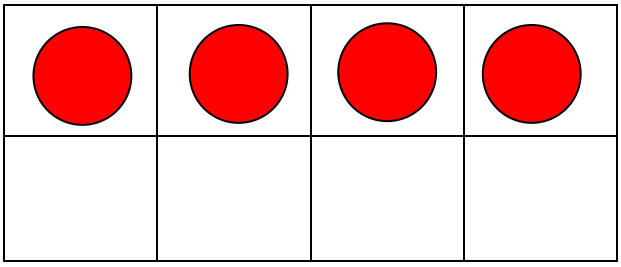
$$\frac{3}{8} + \frac{4}{8} = \_\_\_\_$$

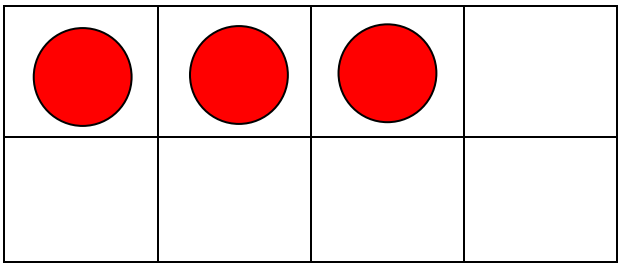




Fraction Subtraction

$$\frac{4}{8} - \frac{3}{8} = \frac{\quad}{\quad}$$





Decimal

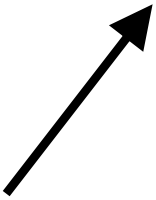
Place Value

Ones		Tenths	Hundredths	Thousandths
3	.	7	2	1

decimal point

Addition

$465 + 124 = 589$



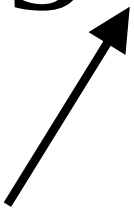
sum

+

plus

Subtraction

$465 - 124 = 341$

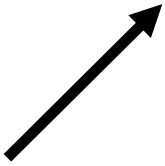


difference

minus

Multiply

32 x 48 = 1536



product

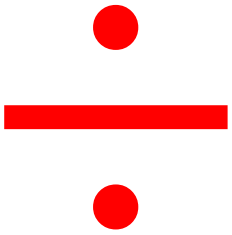
X

Divide

$$14\overline{)280}\quad 20$$

$$280 \div 14 = 20$$

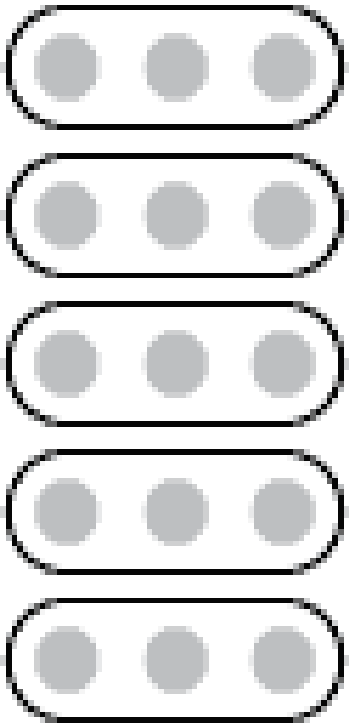
dividend divisor quotient

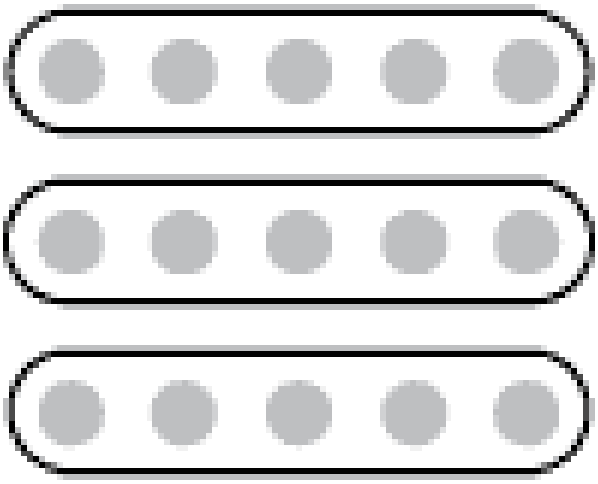


Multiplication

$5 \times 3 = 15$

factors

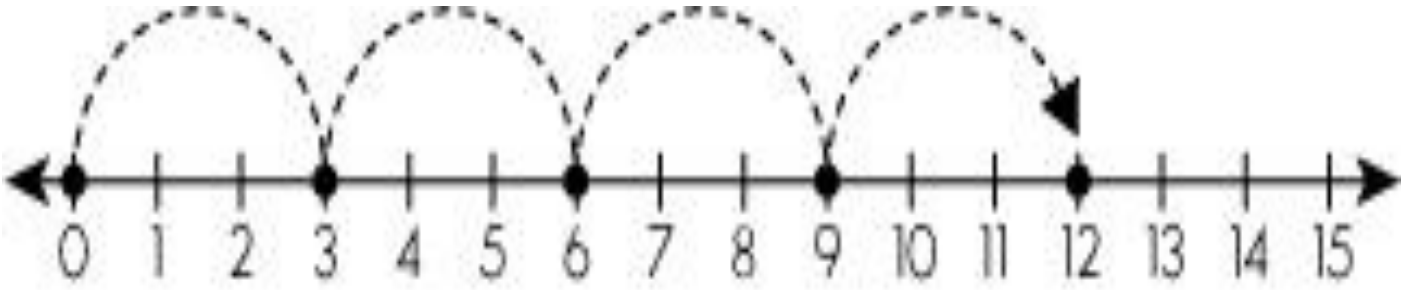




$3 \times 5 = 15$

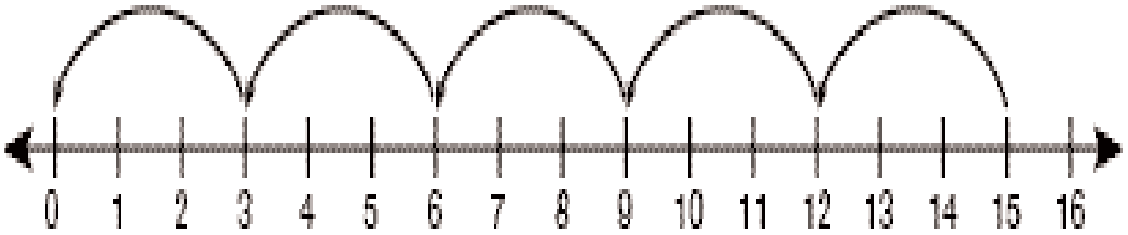
Multiplication

4 x 3



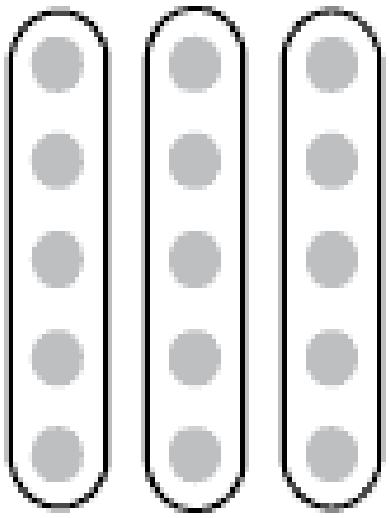
4 x 3 = 12

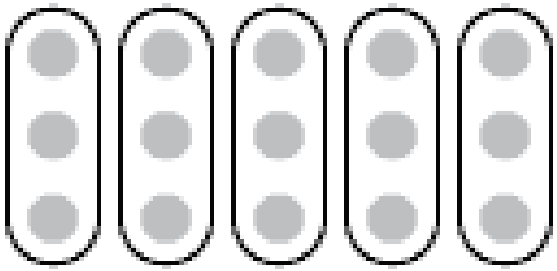
Division



$15 \div 3 = 5$

$15 \div 3 = 5$





$15 \div 5 = 3$

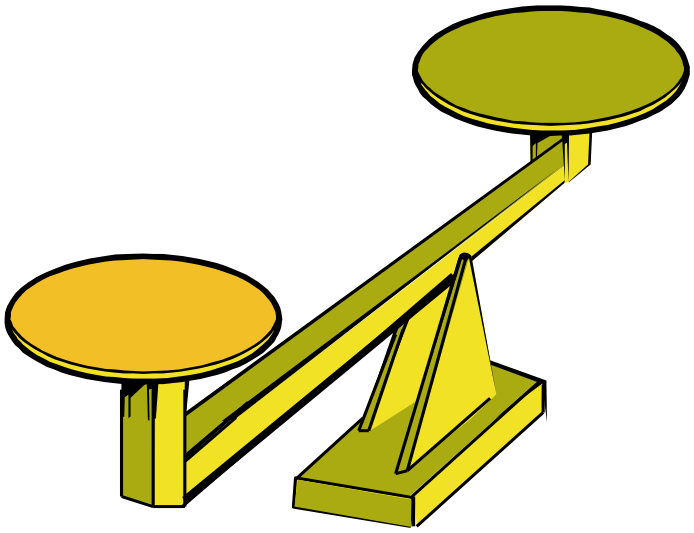
Factor

Factors of 12

1, 2, 3, 4, 6, 12

1x12
2 x 6
3 x 4

Balance Scale



weight/mass

Scale

weight/mass

Ounce

Pound

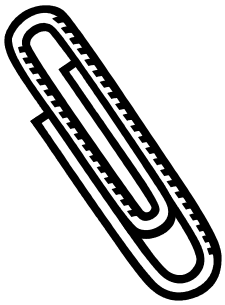
weight/mass

16 ounces = 1 pound

Ton

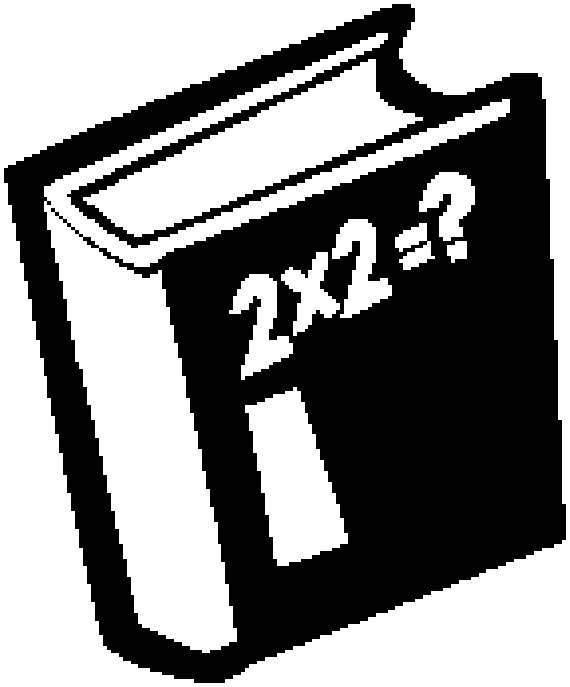
2,000 pounds

Gram



1,000 grams = 1 kilogram

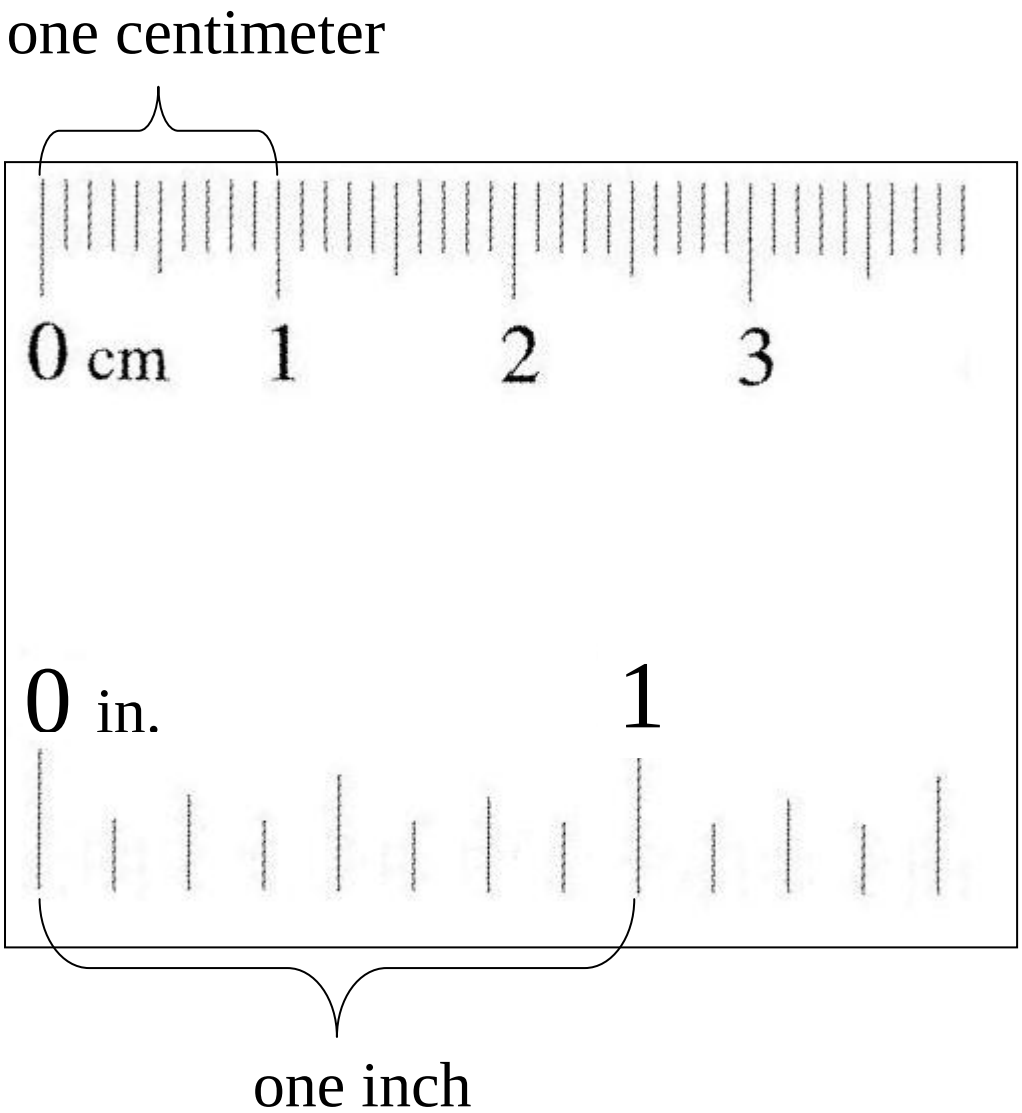
Kilogram



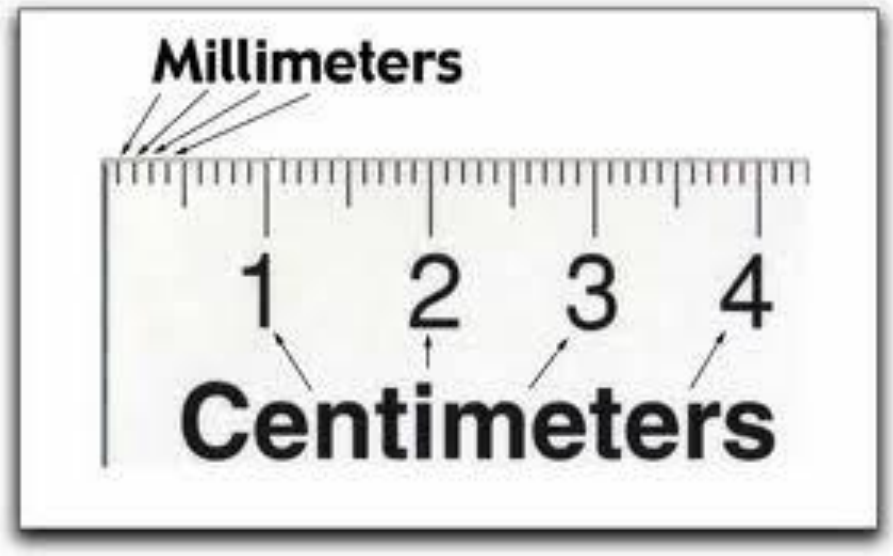
weight/mass

1,000 grams = 1 kilogram

Ruler



Millimeter



10 millimeters = 1 centimeter

Inches, Feet, and Yards

1 foot = 12 inches

36 inches = 3 feet

3 feet = 1 yard

Meter

1 meter = 100 centimeters

1 meter = 1,000 millimeters

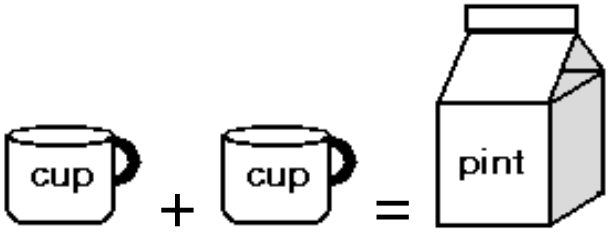
Mile

1,760 yards

Cup

8 ounces

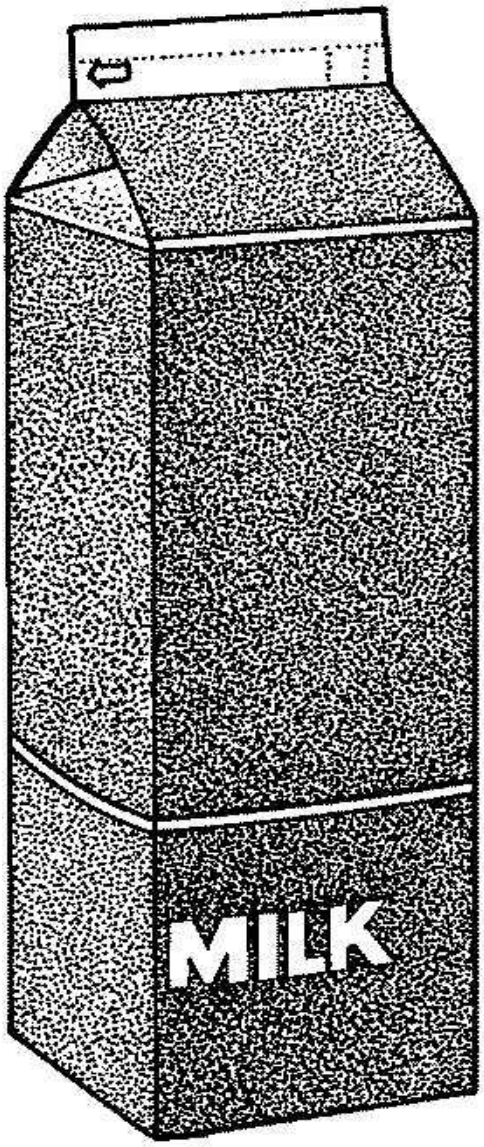
Pint



2 cups
16 ounces

Quart

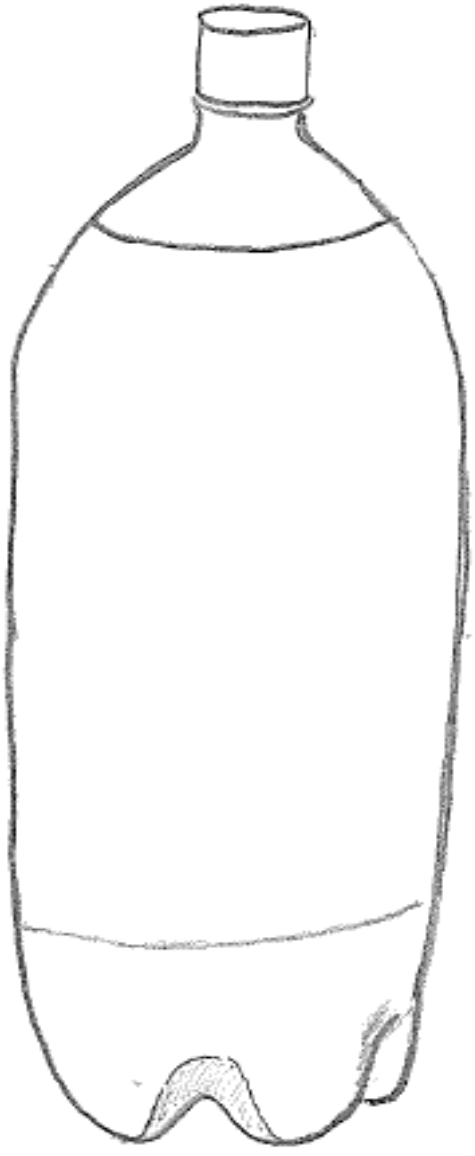
2 pints
4 cups
32 ounces



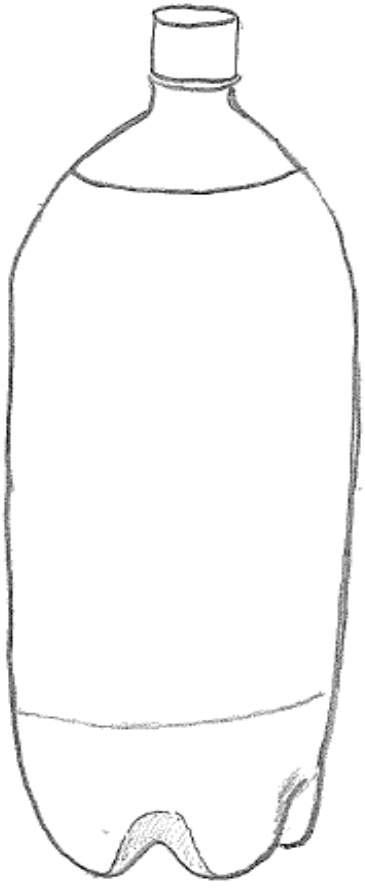
Gallon

128 ounces

Liter



2 liters



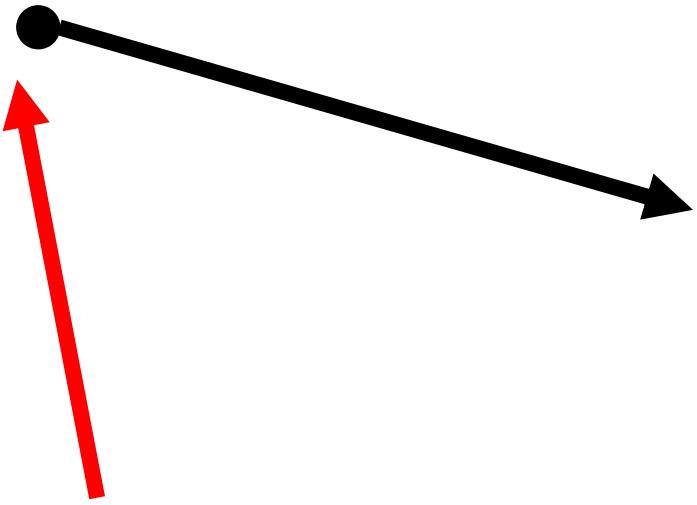
1 liter

Point

Line

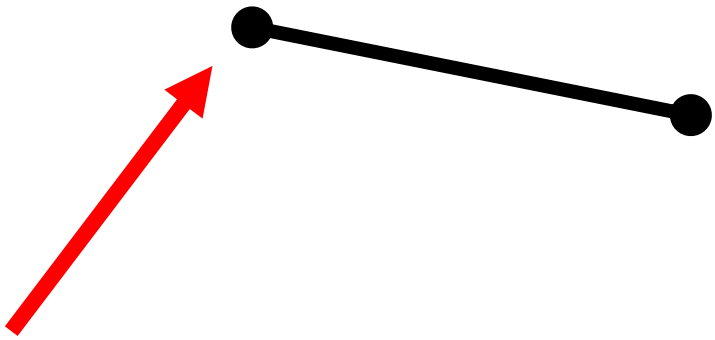
A B

Ray



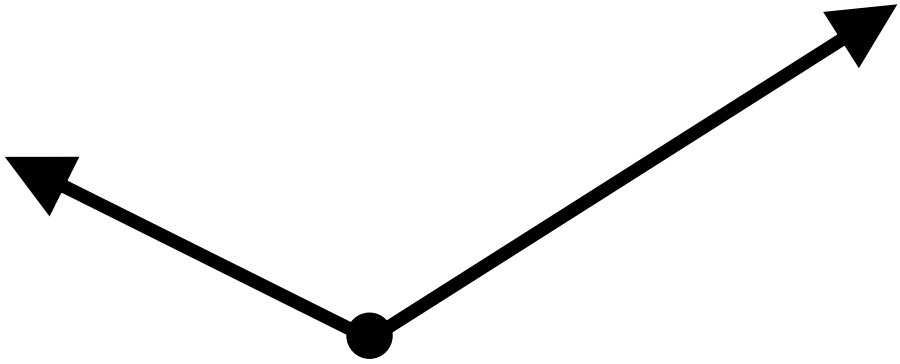
endpoint

Line Segment

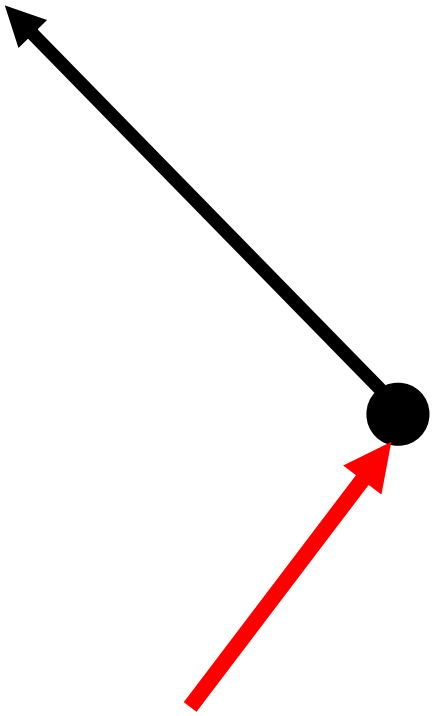


endpoint

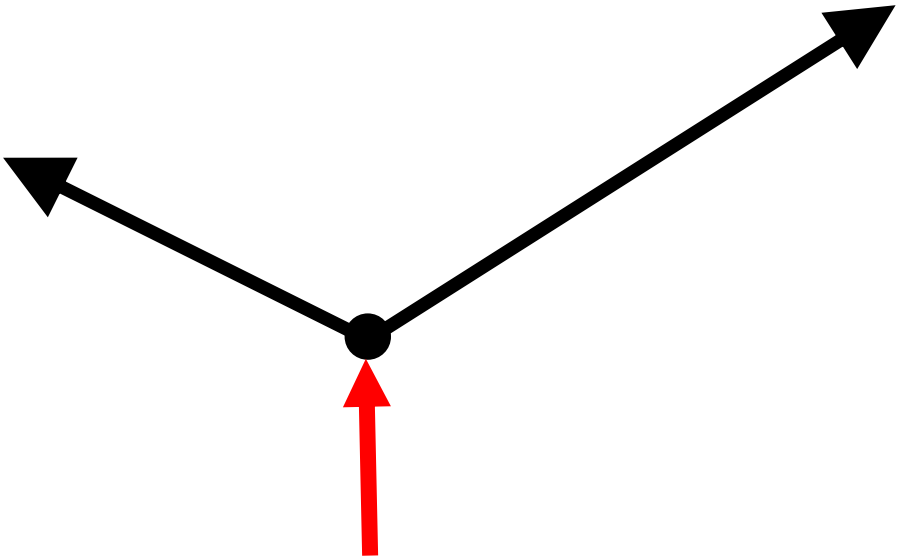
Angle



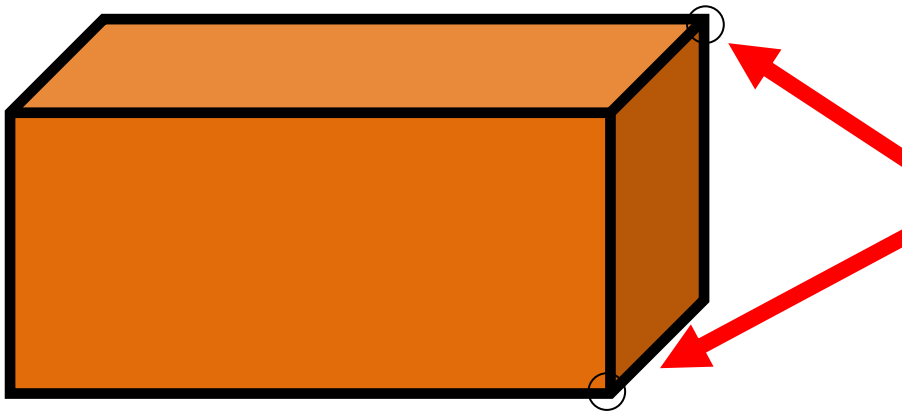
Endpoint



Vertex

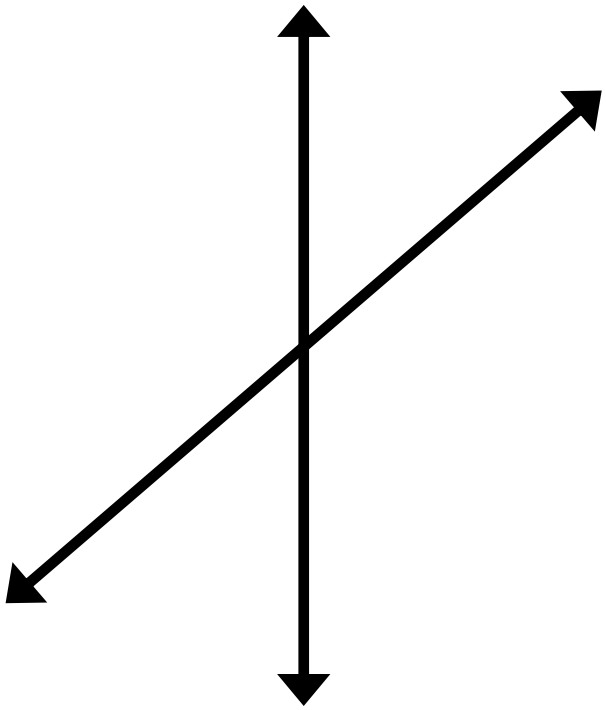


vertex

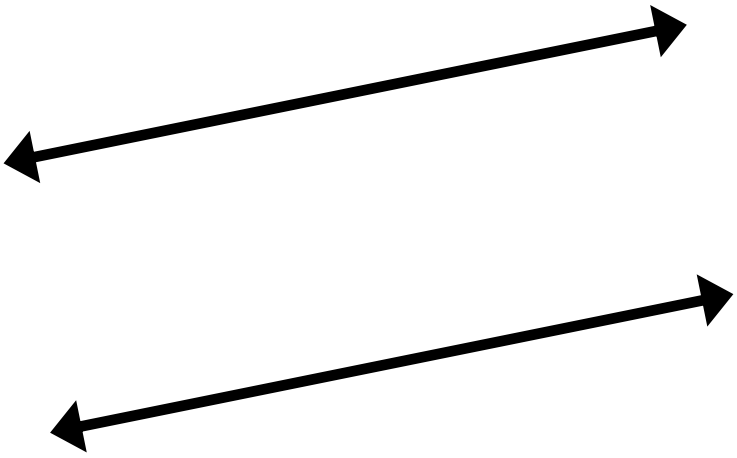


vertices

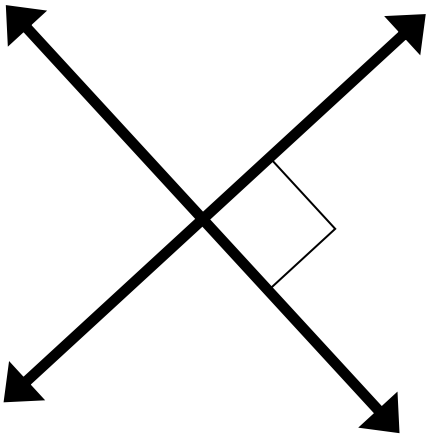
Intersecting Lines

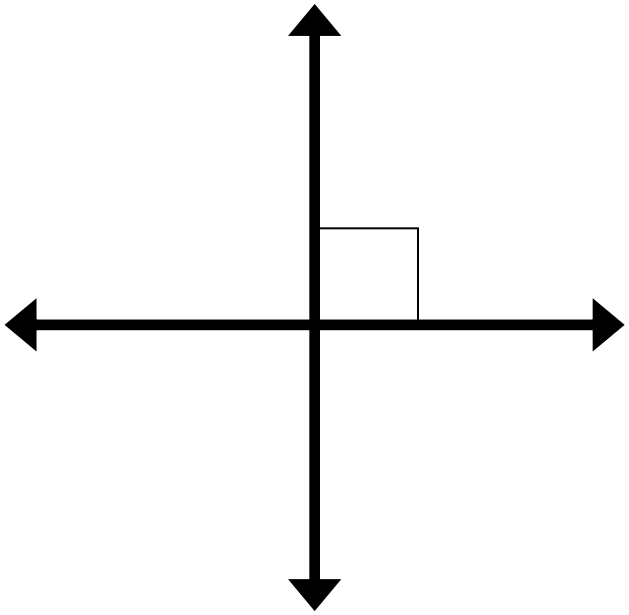


Parallel Lines

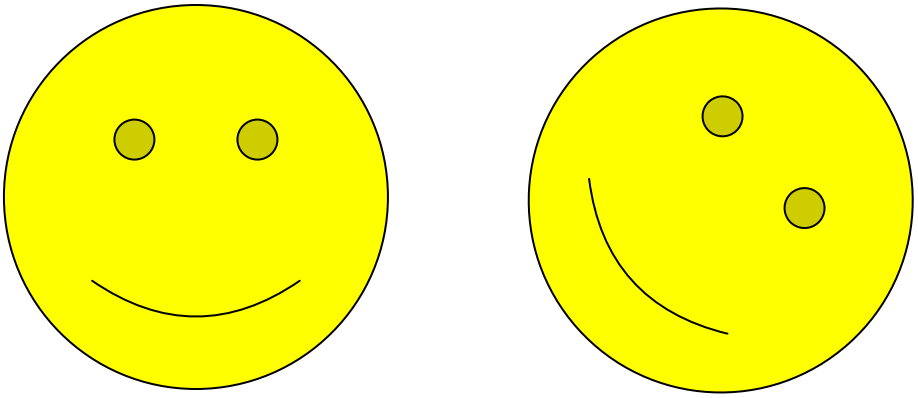


Perpendicular Lines



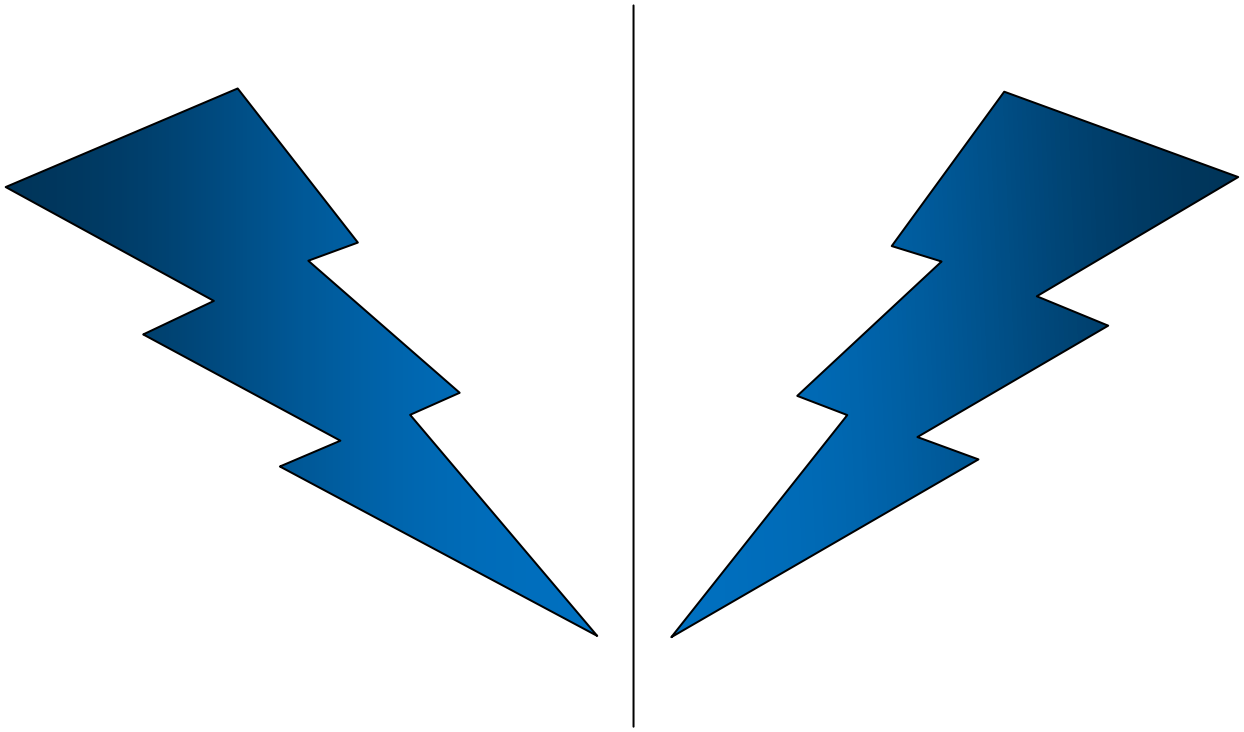


Rotation



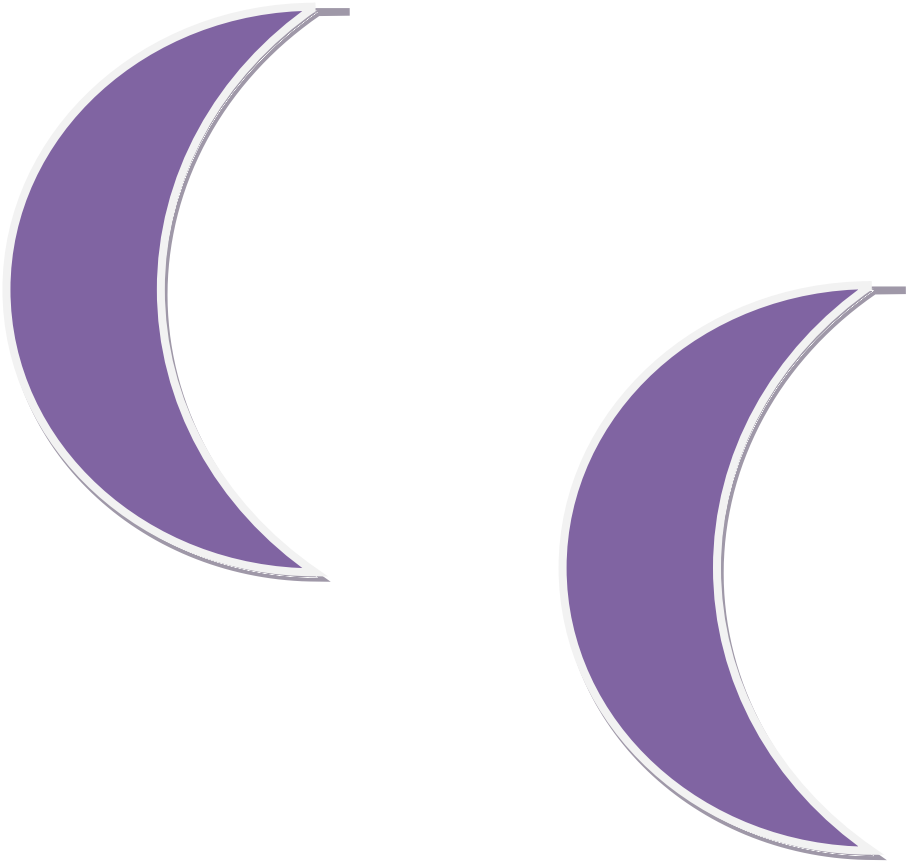
congruent figures

Reflection



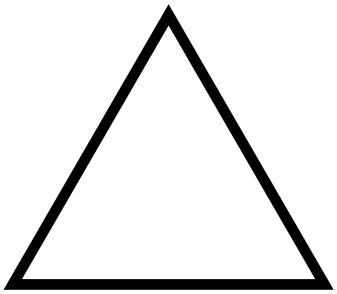
congruent figures

Translation



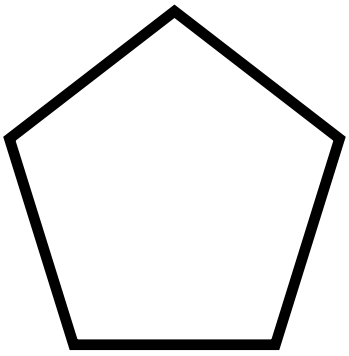
congruent figures

Polygons



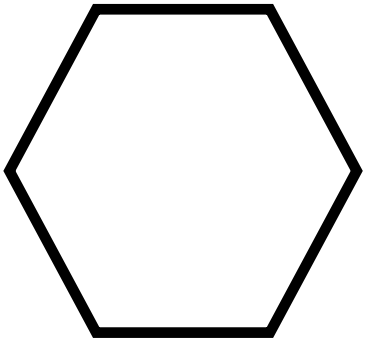
Triangle

Quadrilateral



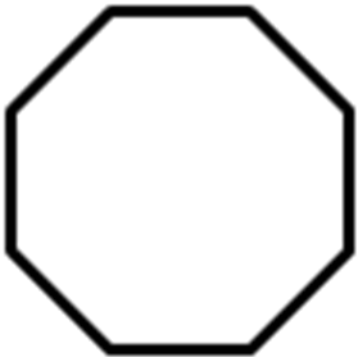
Pentagon

Polygons



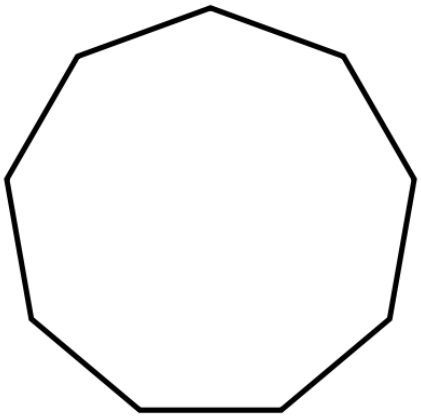
Hexagon

Heptagon

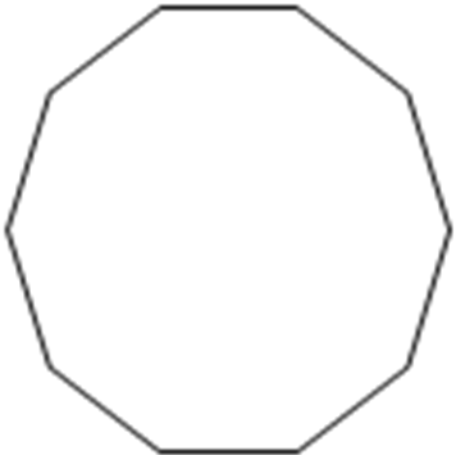


Octagon

Polygons

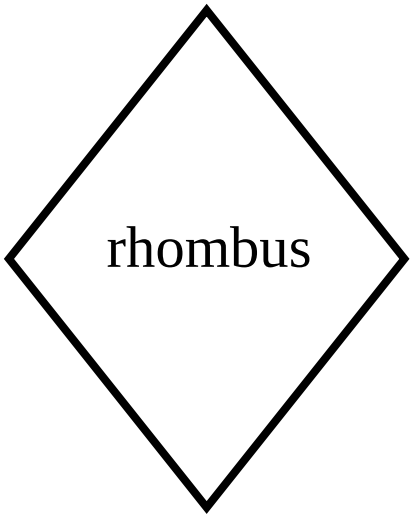


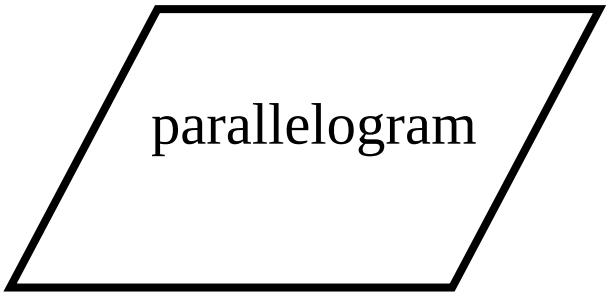
Nonagon

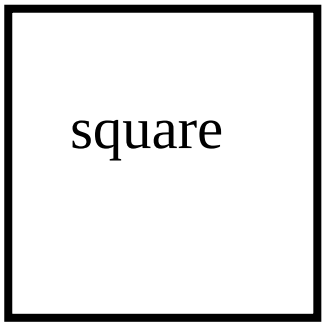


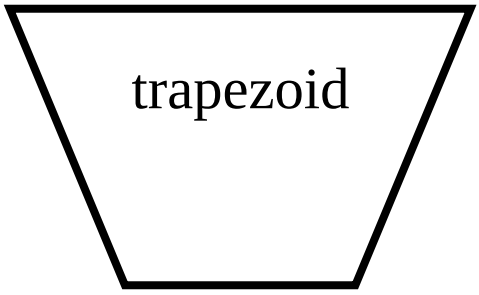
Decagon

Quadrilaterals

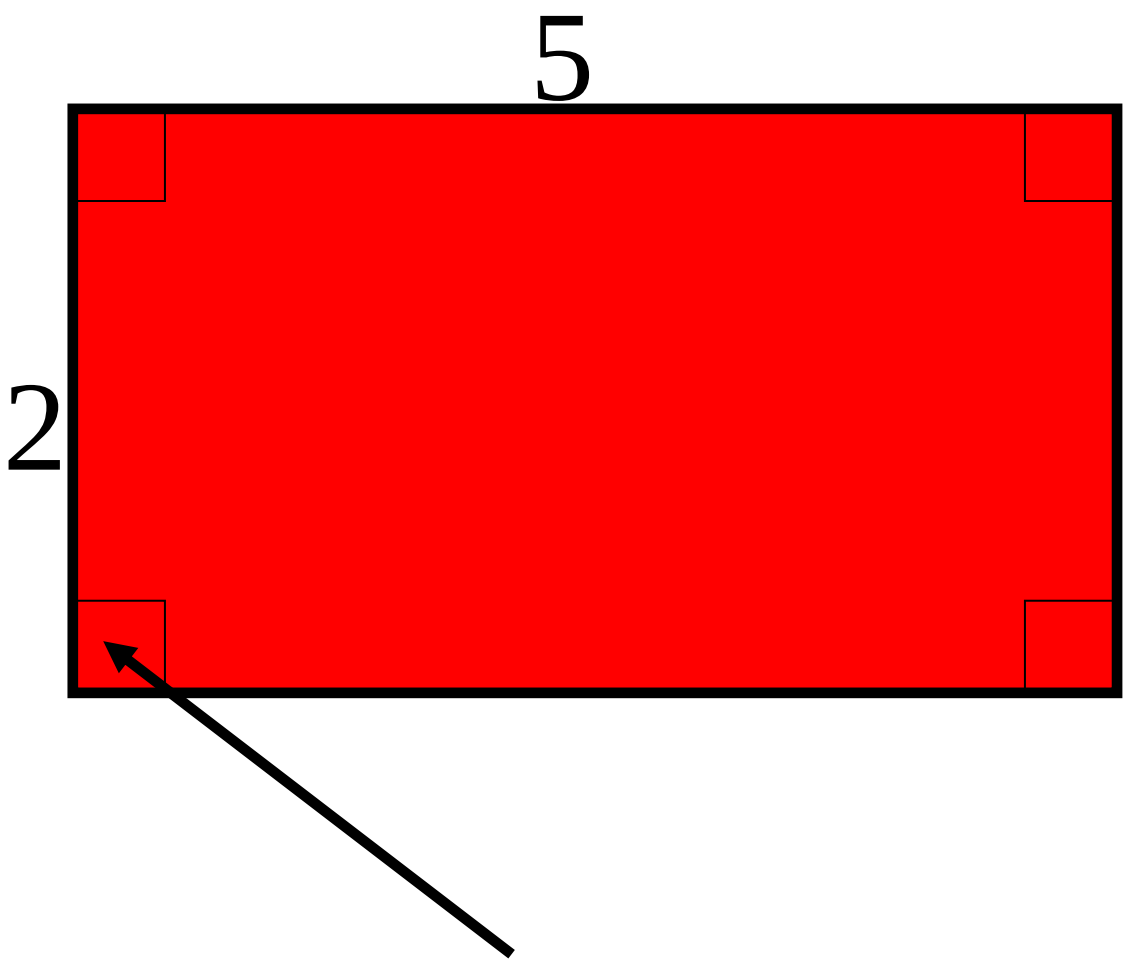




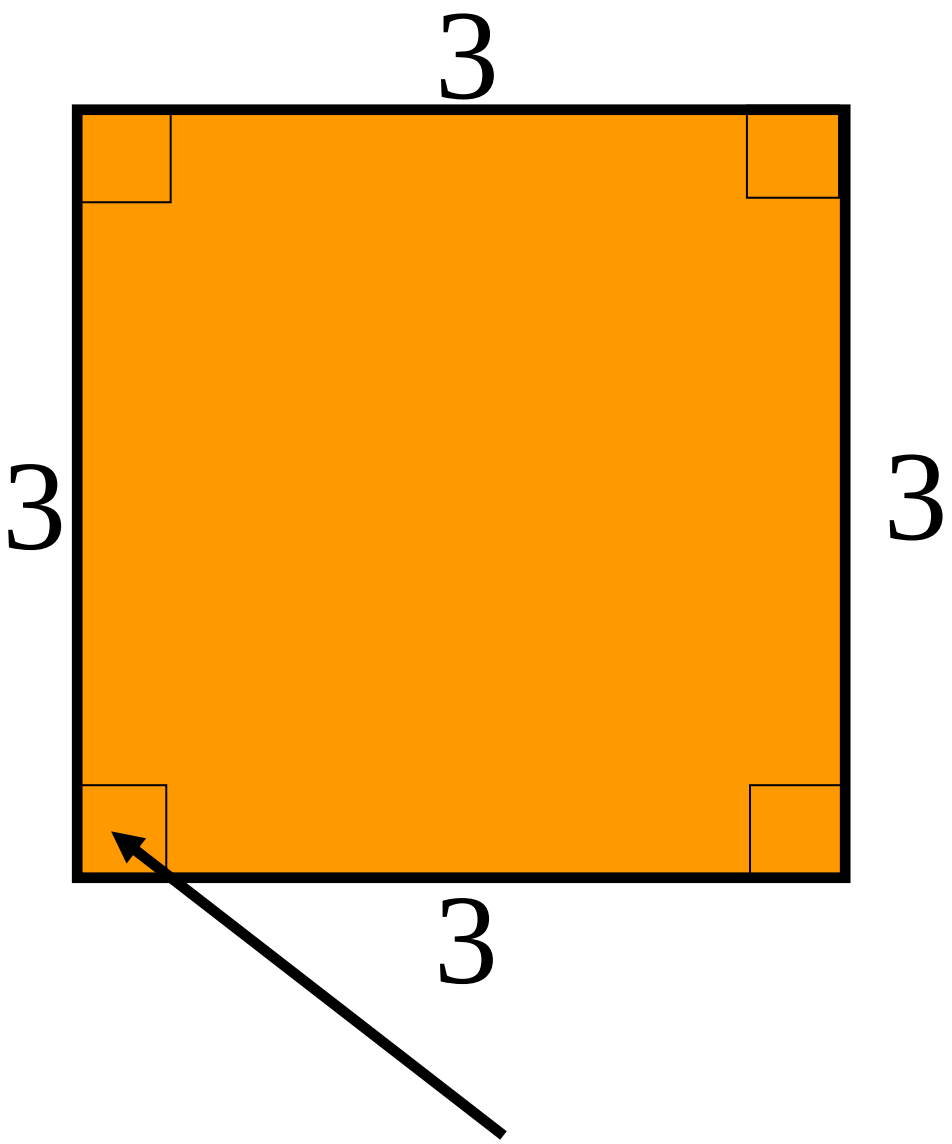




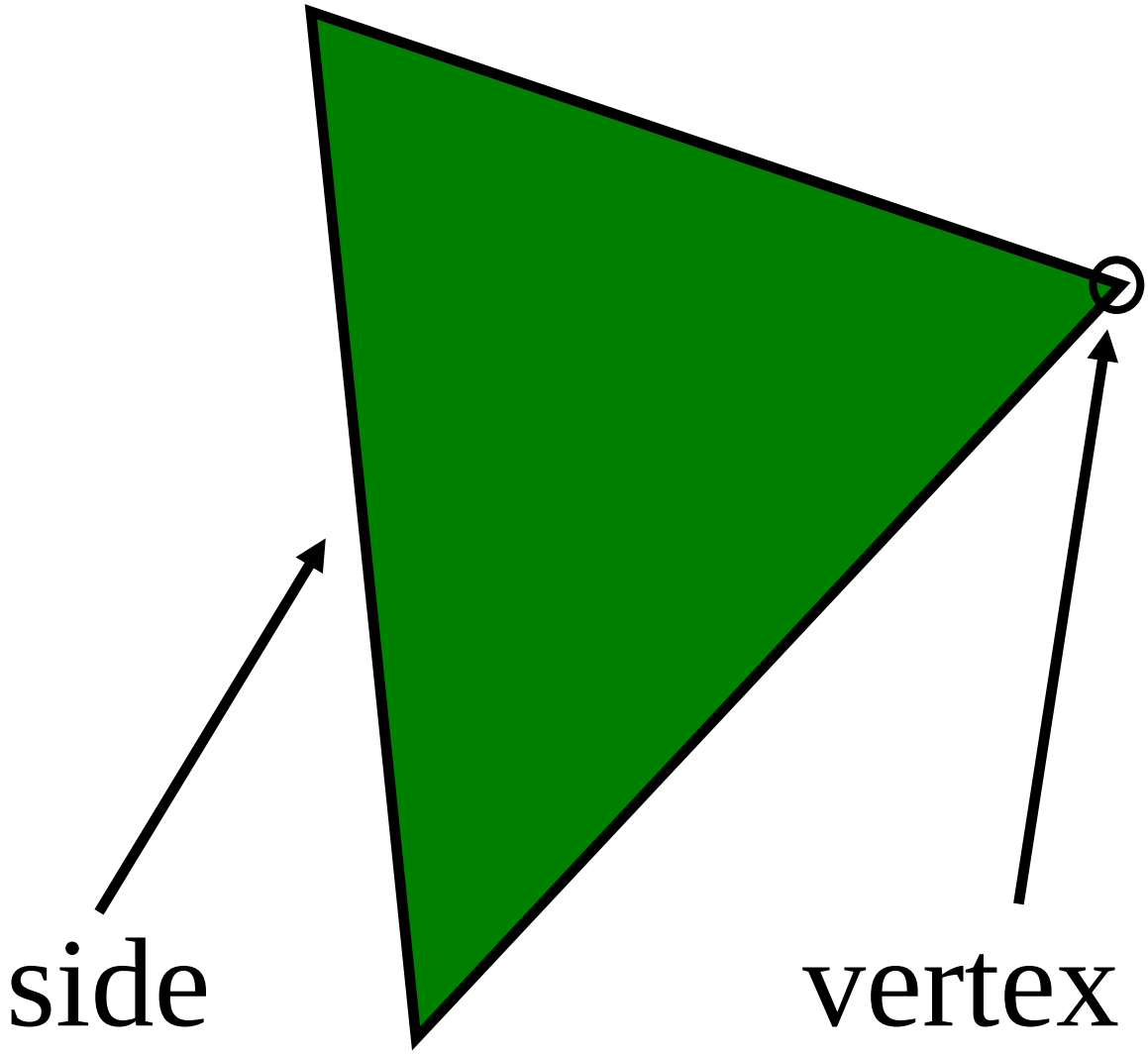
Rectangle



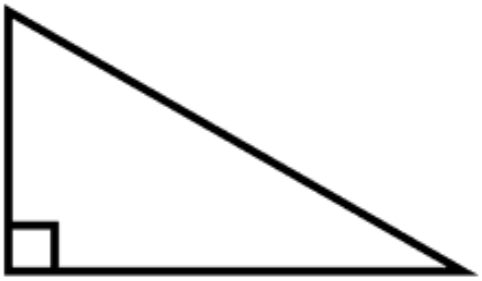
Square



Triangle

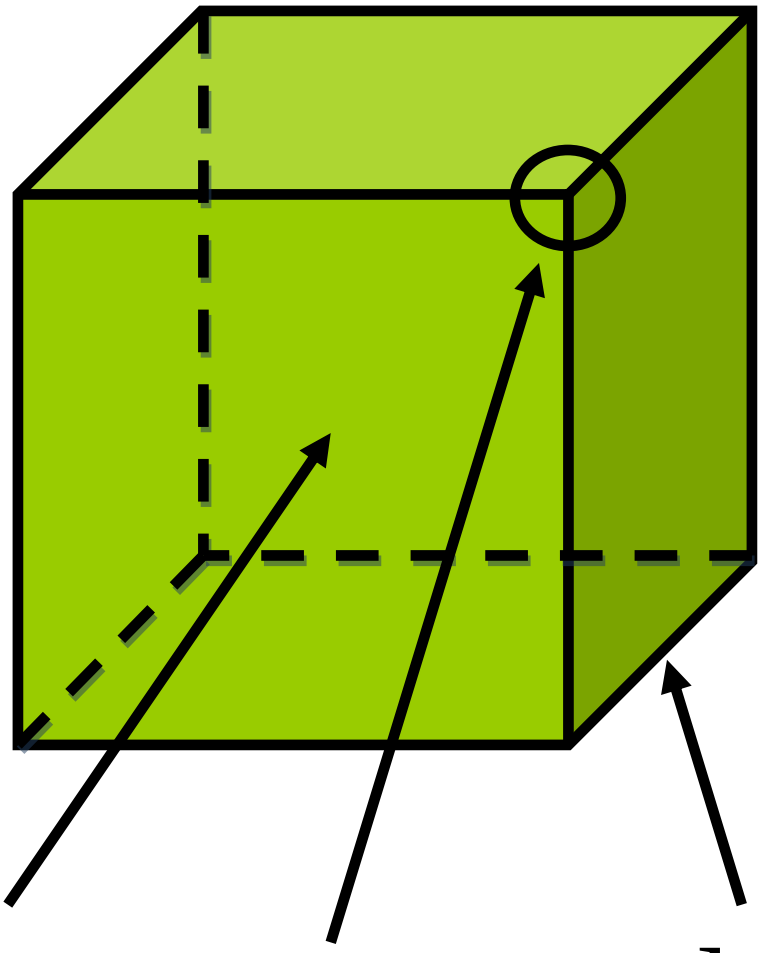


right triangle



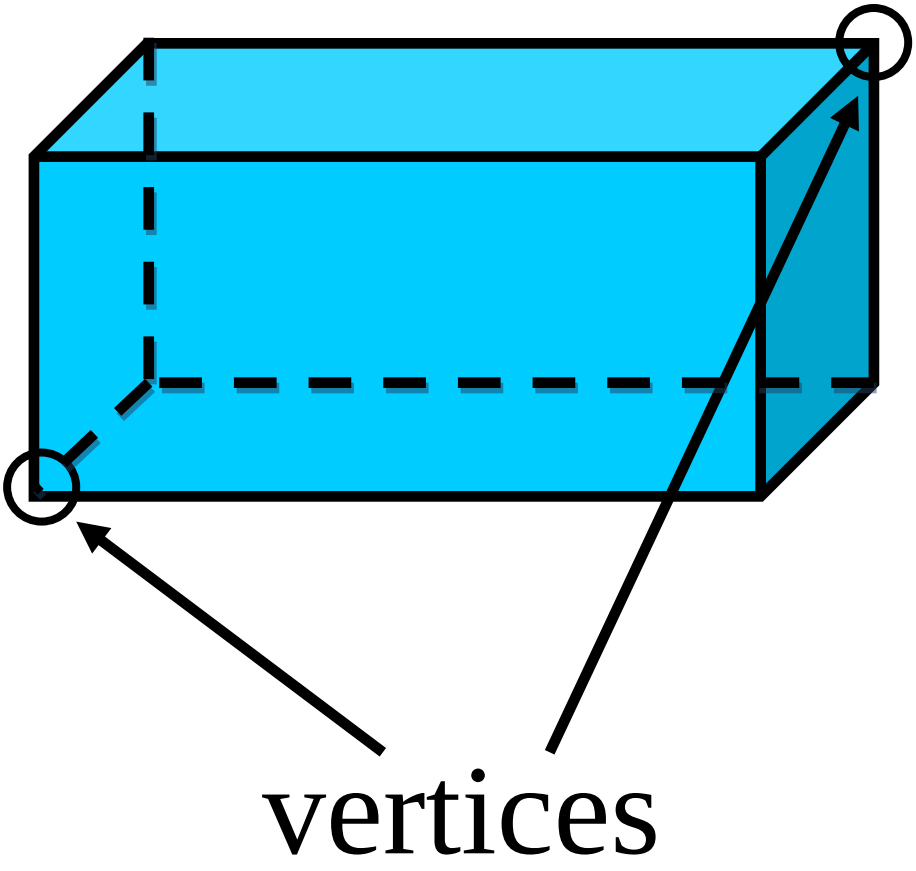
Sphere

Cube

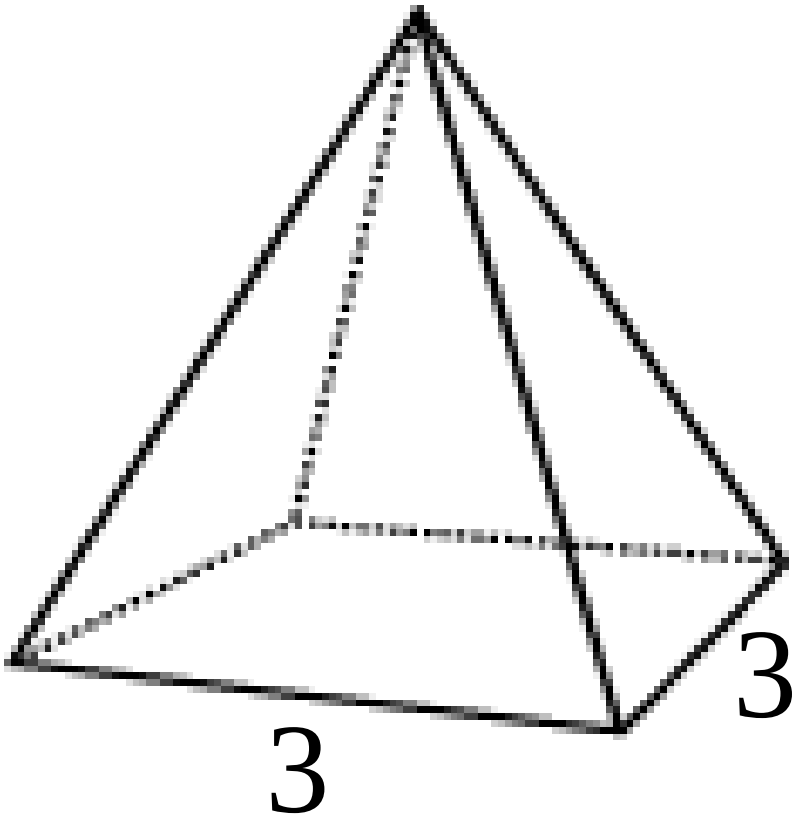


face vertex edge

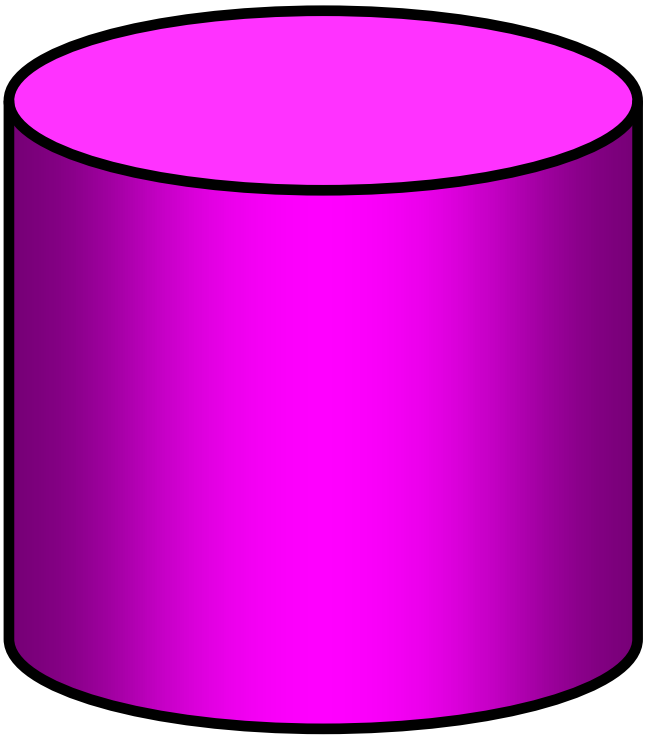
Rectangular Prism



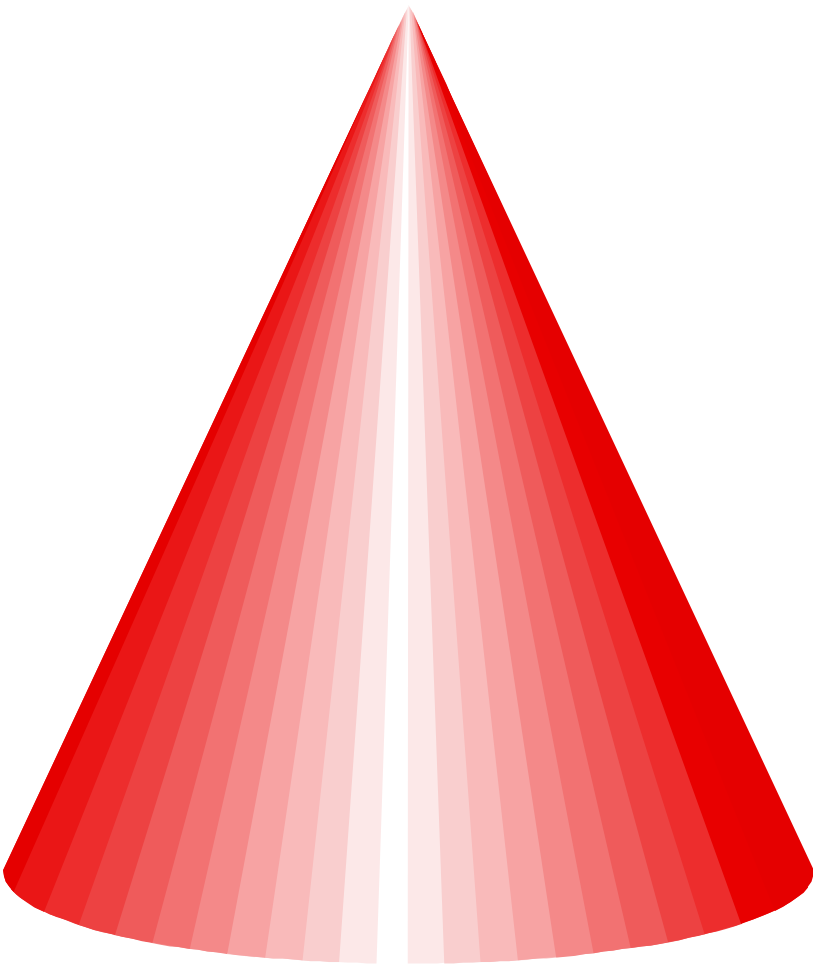
Square Pyramid



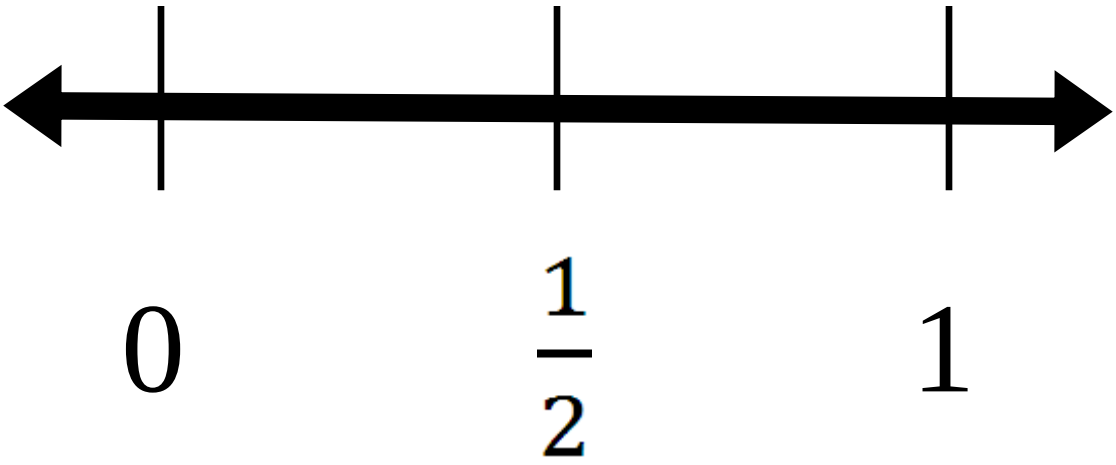
Cylinder



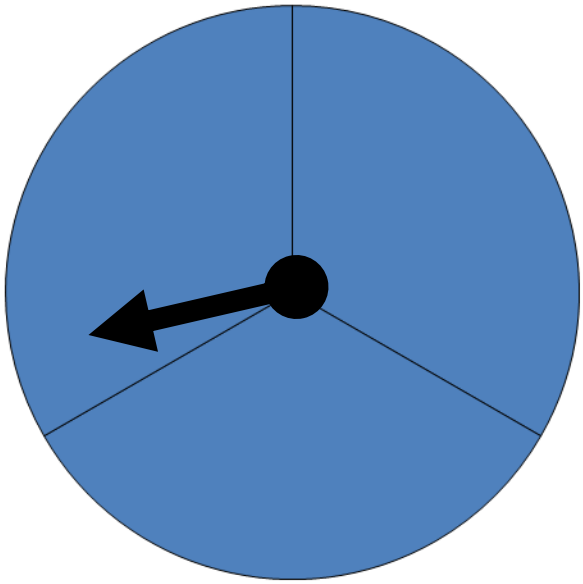
Cone



Probability Number Line

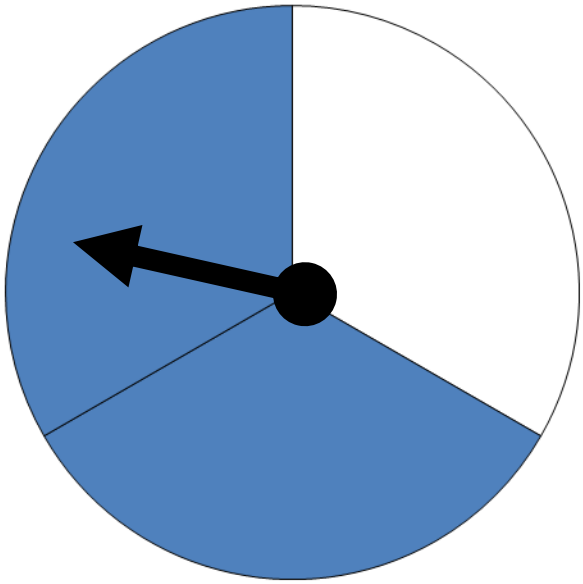


Certain



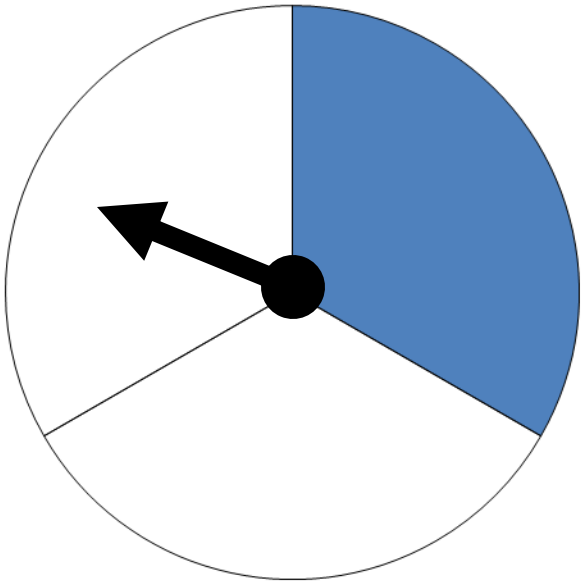
is certain

Likely



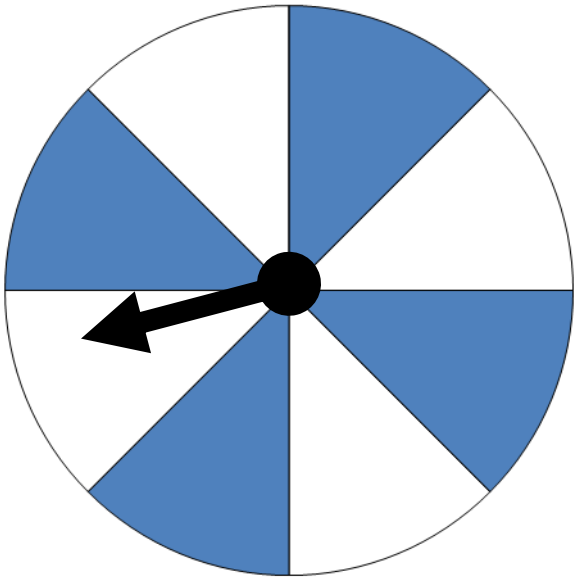
is likely

Unlikely



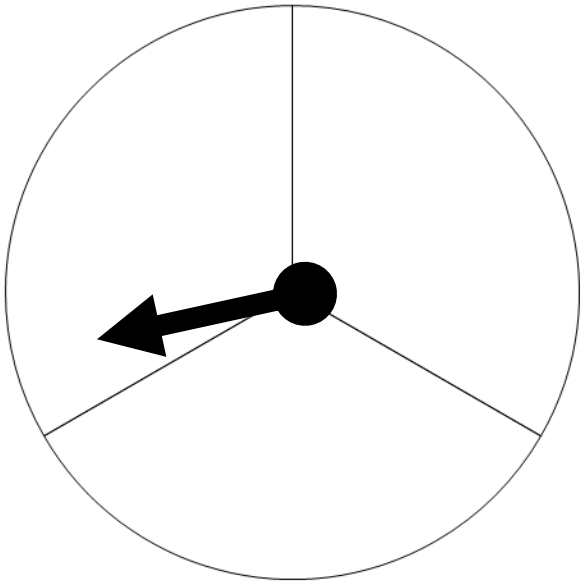
is unlikely

Equally likely



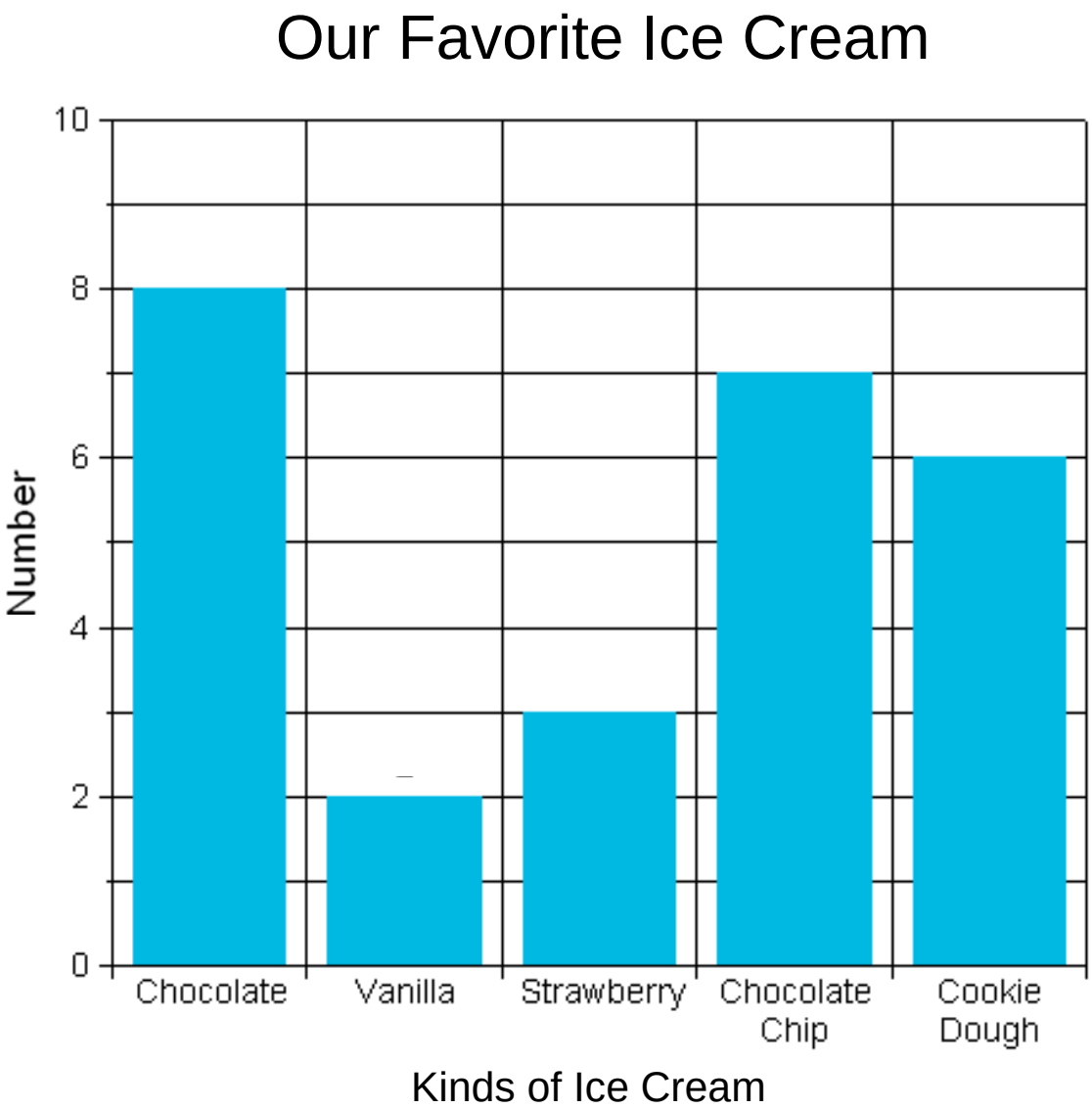
and are equally likely

Impossible



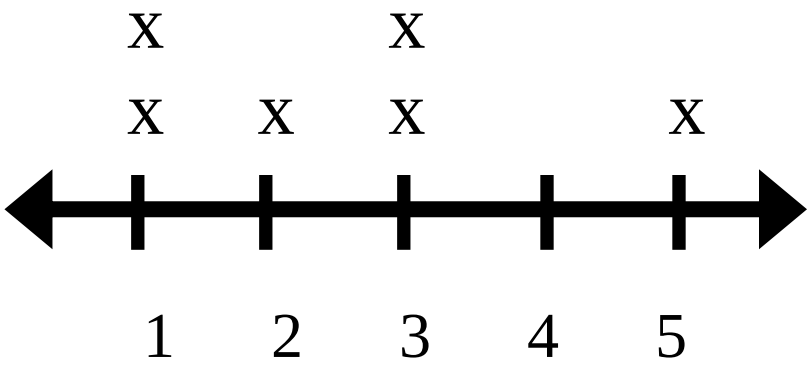
is impossible

Bar Graph


Our Favorite Ice Cream
10
8
6
4
2
0
Number
Chocolate
Vanilla
Strawberry
Chocolate Chip
Cookie Dough
Kinds of Ice Cream

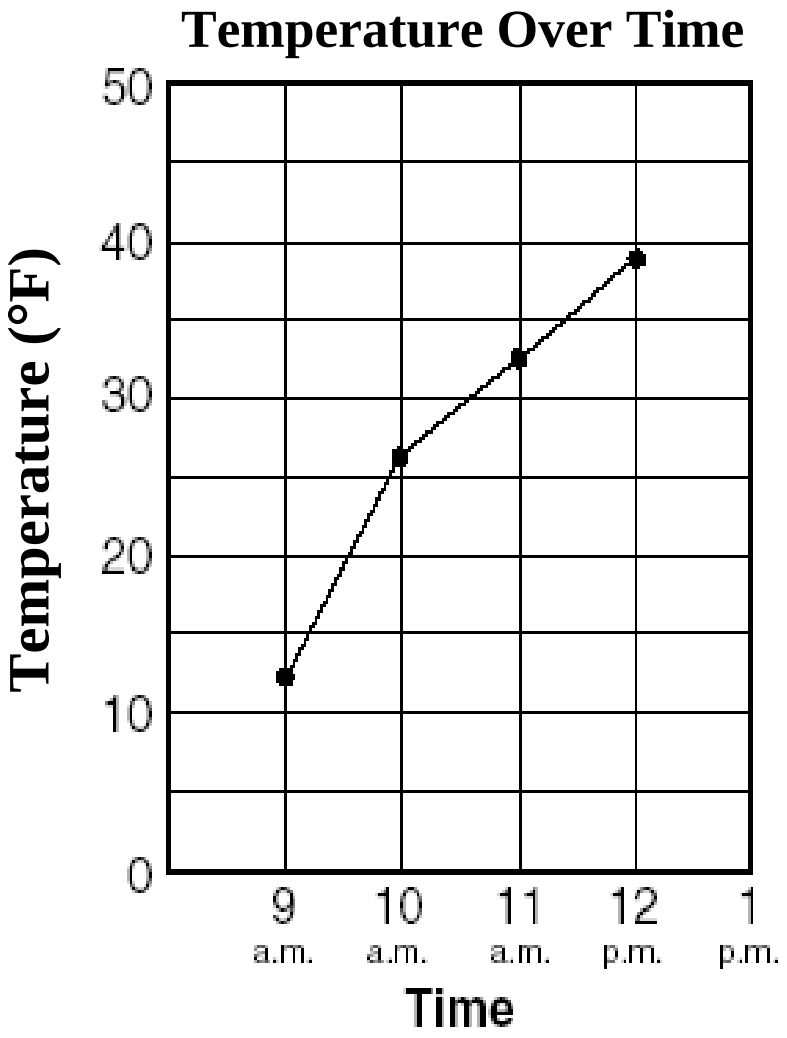
Line Plot

Number of Pets

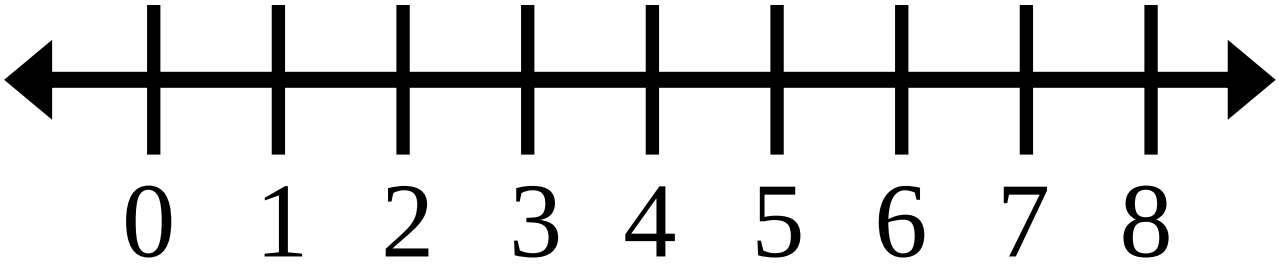


X represents 1 student

Line Graph


Temperature Over Time
Temperature (°F)
50
40
30
20
10
0
9 a.m.
10 a.m.
11 a.m.
12 p.m.
1 p.m.
Time

Number Line



Equality

=

13 + 25 = 30 + 8

Identity Property

Addition:

$8 + 0 = 8$

$0 + 12 = 12$

Multiplication:

$5 \times 1 = 5$

$1 \times 22 = 22$

Commutative Property

Addition:

$12 + 5 = 17$

$5 + 12 = 17$

Multiplication:

$12 \times 9 = 108$

$9 \times 12 = 108$

Associative Property

Addition:

$(2 + 5) + 4 = 2 + (5 + 4)$

Multiplication:

$(3 \times 2) \times 4 = 3 \times (2 \times 4)$