Mathematics Vocabulary Cards – Grade 3

Table of Contents

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Probability and Statistics

Patterns, Functions, and Algebra

Round

30   40

34

Round 34 to the nearest ten.

Less than

<

$$2 < 7$$

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

Greater than

$>$

0 1 2 3 4 5 6 7 8

$8 > 4$

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

Equal to

$=$

0 1 2 3 4 5 6 7 8
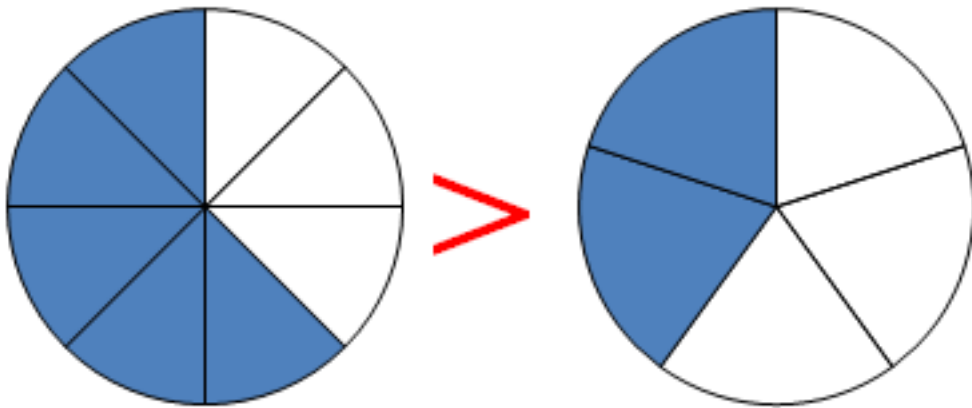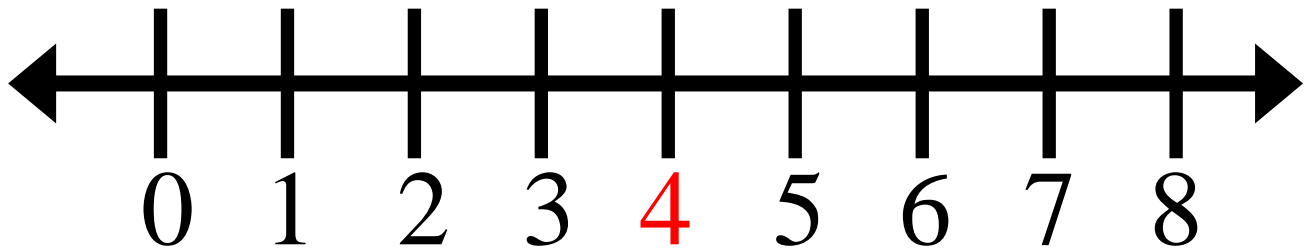
$4 = 4$
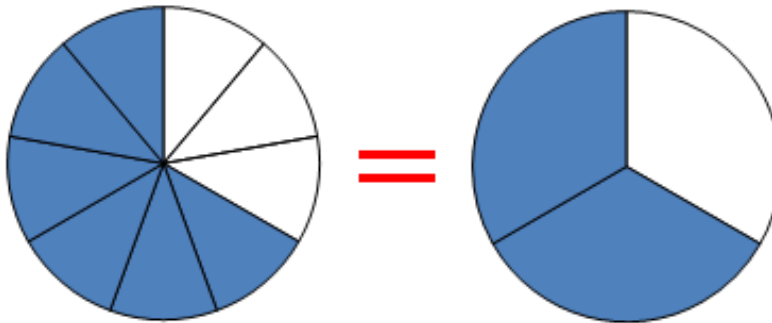
$$\frac{6}{9} = \frac{2}{3}$$
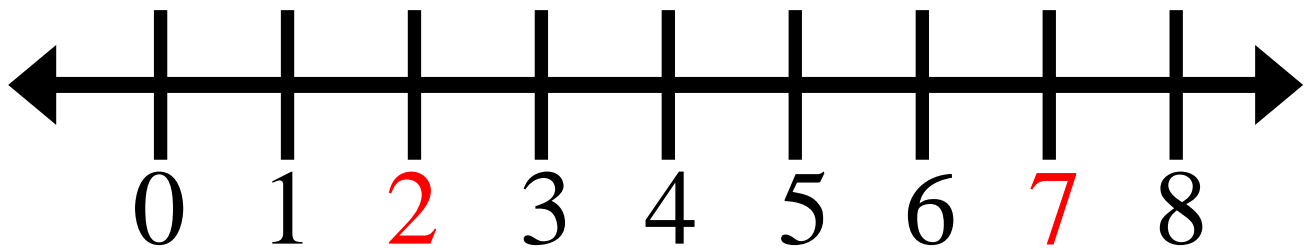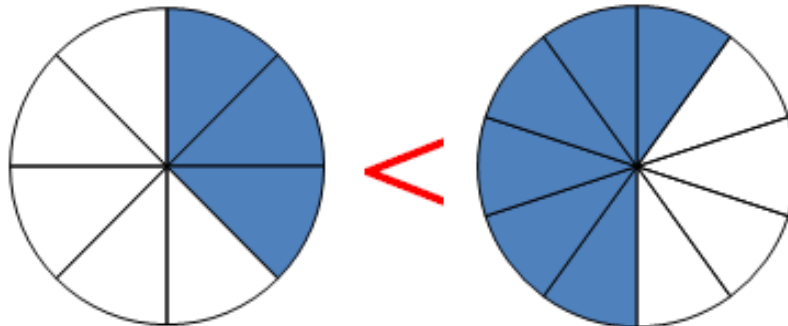
Related Facts

$$5 + 1 = 6$$

$$1 + 5 = 6$$

$$6 - 1 = 5$$

$$6 - 5 = 1$$

Related Facts

$$2 \times 3 = 6$$

$$3 \times 2 = 6$$

$$6 \div 3 = 2$$

$$6 \div 2 = 3$$

Number Sentence

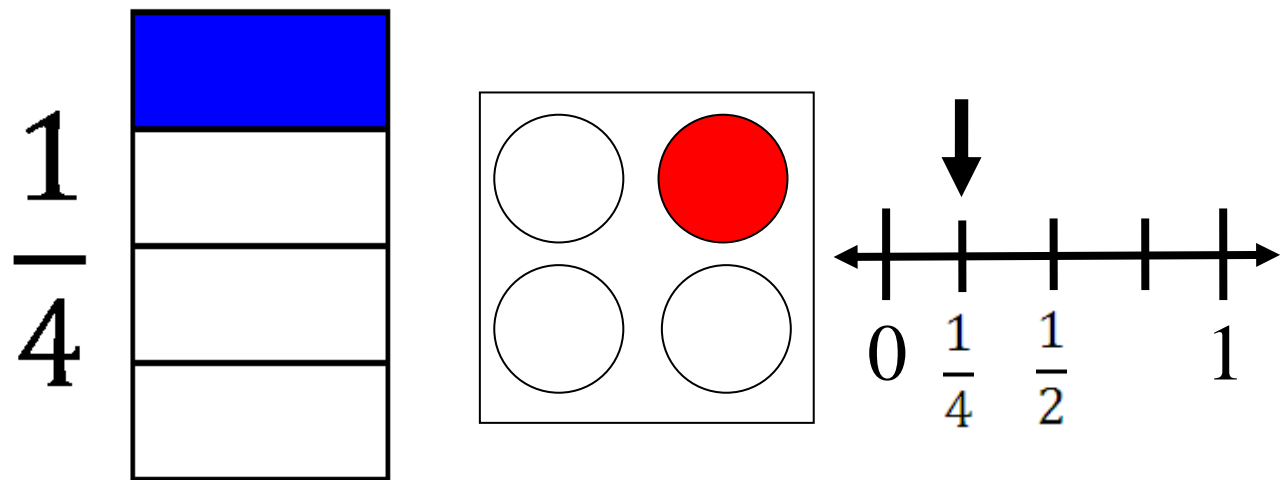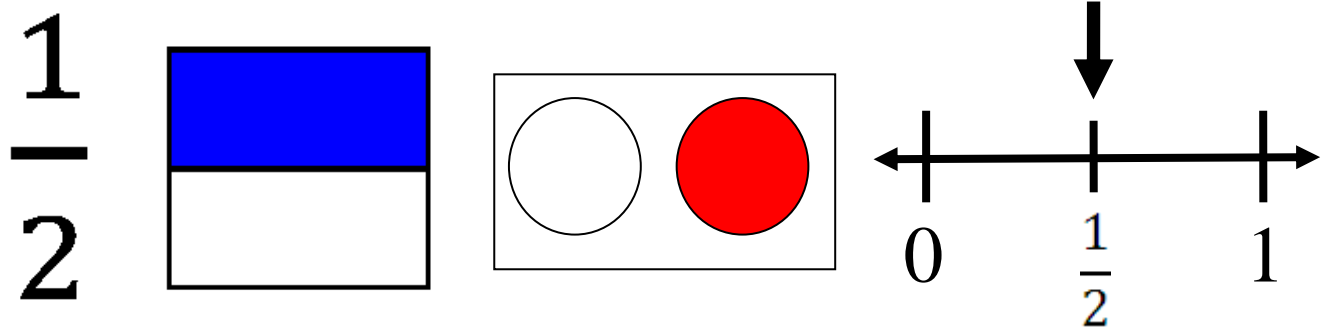$$3 + 5 = 8$$

$$6 - 2 = 4$$

equation

Place Value

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

Fraction

$$\frac{1}{2}$$

$$\frac{1}{4}$$

Fraction

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

Fraction

$$\frac{3}{8}$$

$$0 \quad \frac{1}{8} \quad \frac{2}{8} \quad \frac{3}{8} \quad \frac{1}{2} \quad \frac{5}{8} \qquad 1$$
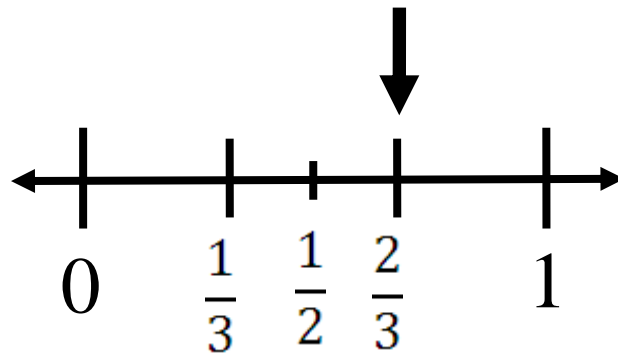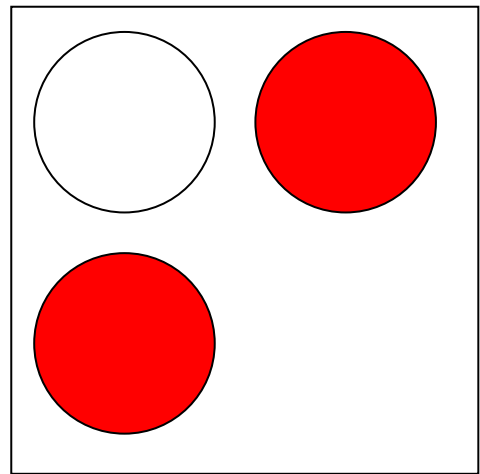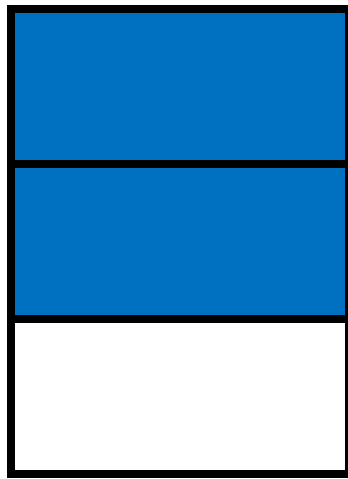
Addition

$$465 + 124 = 589$$

sum

+

plus

Subtraction

$$465 - 124 = 341$$

difference

▬▬
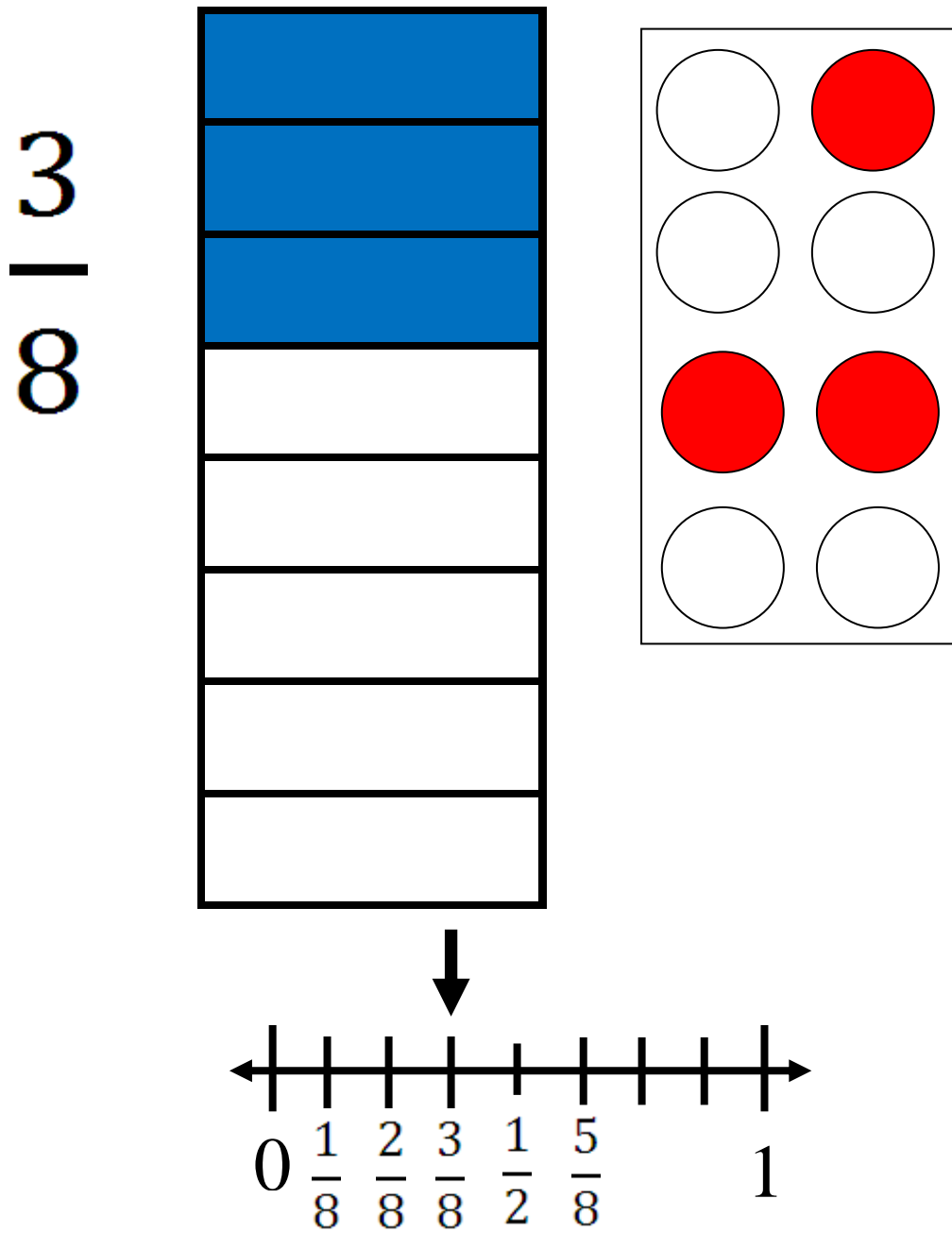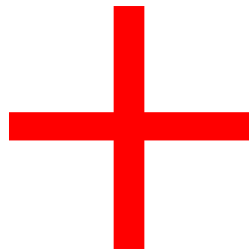
minus

Regroup
Rename

26 is 1 ten and 16 ones

1 ten 16 ones

$$2\!\!\!/6\!\!\!/$$
$$-\quad 9$$
$$\overline{17}$$

Multiply

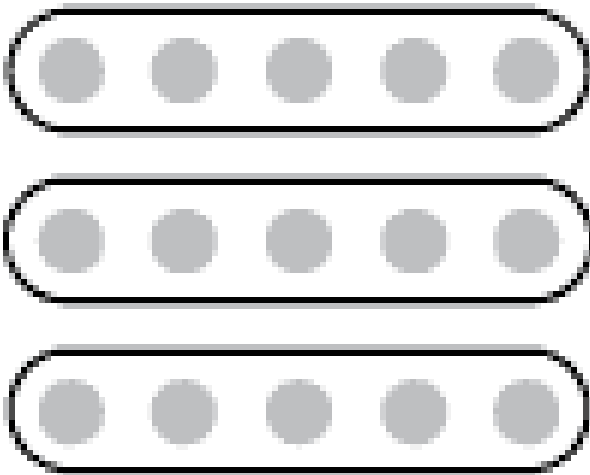$$3 \times 4 = 12$$

product

X

times

Multiplication

$5 \times 3 = 15$
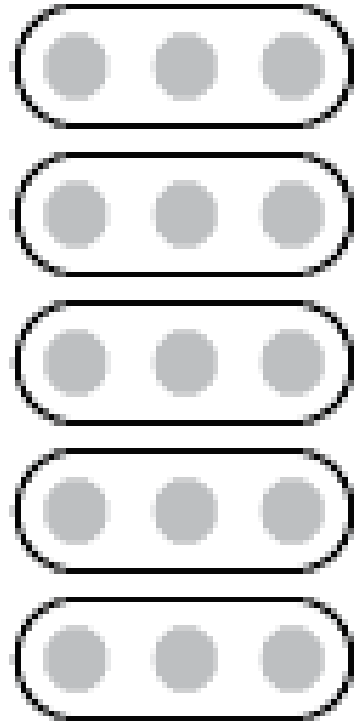
$3 \times 5 = 15$

Multiplication

12 x 6

6

2

10

6
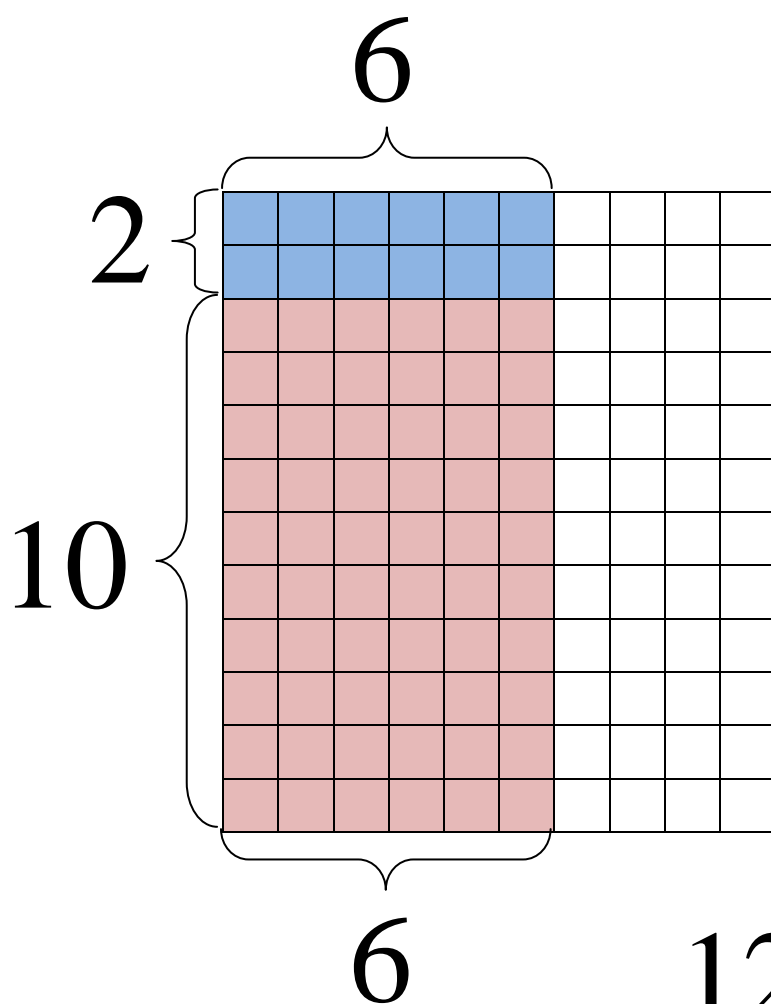
$10 \times 6 = 60$
$+ 2 \times 6 = 12$
72

$12 \times 6 = 72$

Multiplication

4 x 3
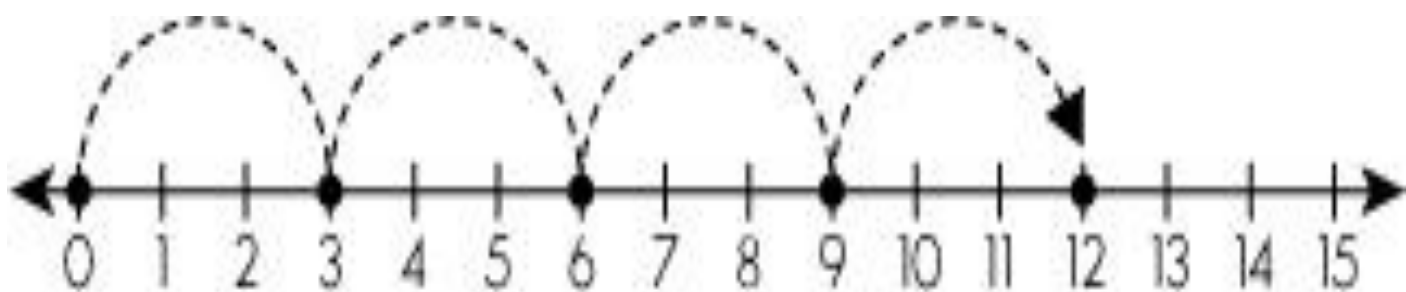
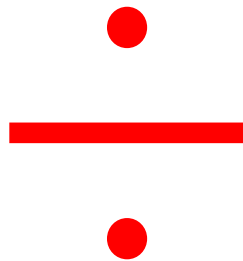## 4 x 3 = 12

Divide

$$4\overline{)12}^{\,3}$$
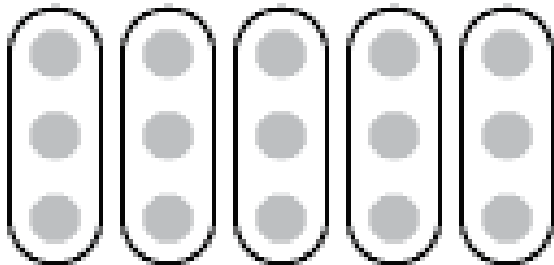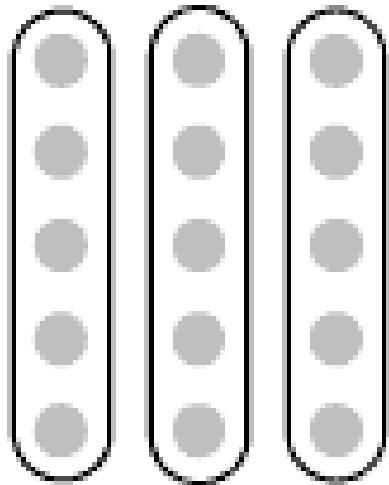
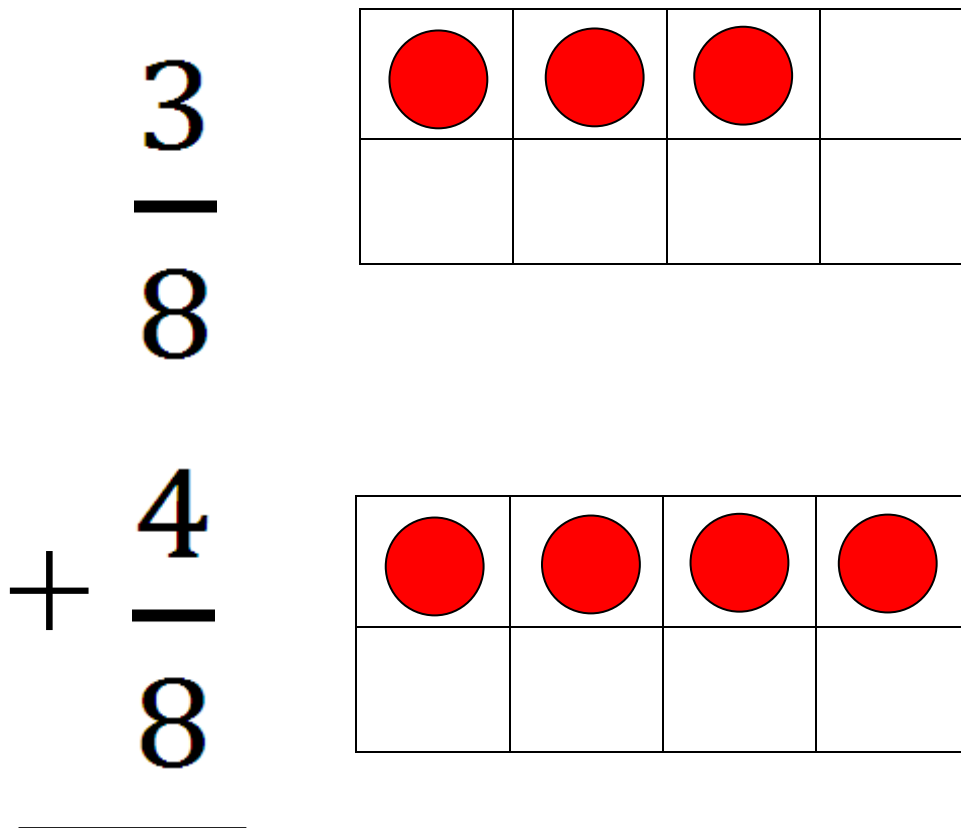$$12 \div 4 = 3$$

quotient

$$\div$$

divided by

Division
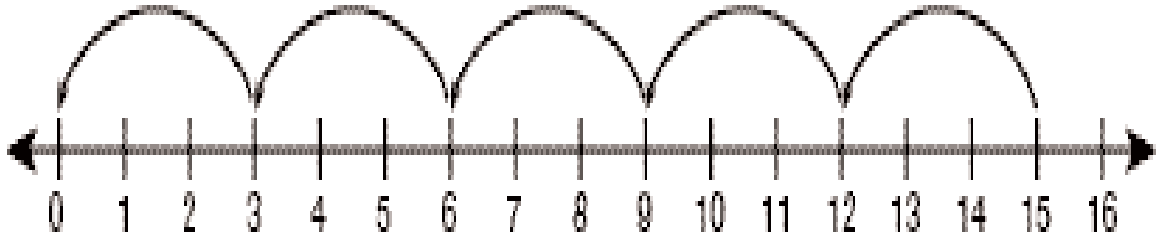
$$15 \div 3 = 5$$

$$15 \div 3 = 5$$
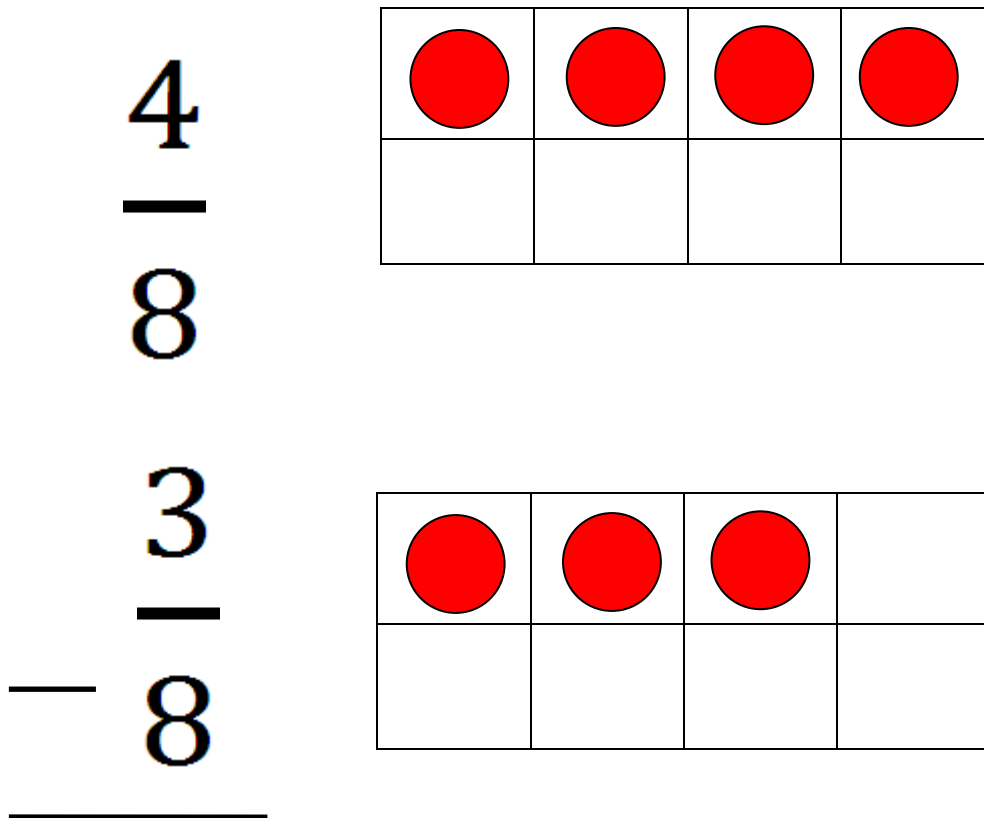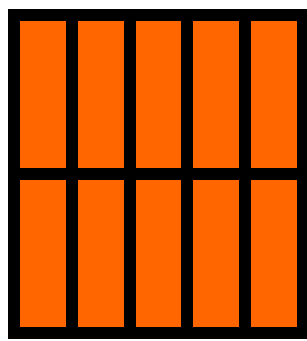
$$15 \div 5 = 3$$

Fraction Addition
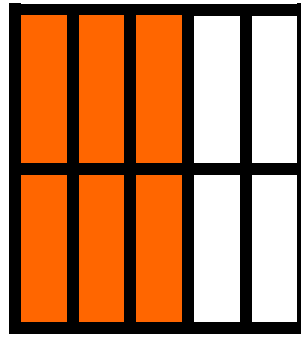
$$\begin{array}{r} \dfrac{3}{8} \\[2em] +\ \dfrac{4}{8} \\[1em] \hline \end{array}$$

Fraction Subtraction

$$\frac{4}{8}$$

$$-\frac{3}{8}$$

Mixed Number

whole   fraction

$$1 \frac{6}{10}$$

Penny

1¢
one cent

Nickel

5¢

five cents

Dime

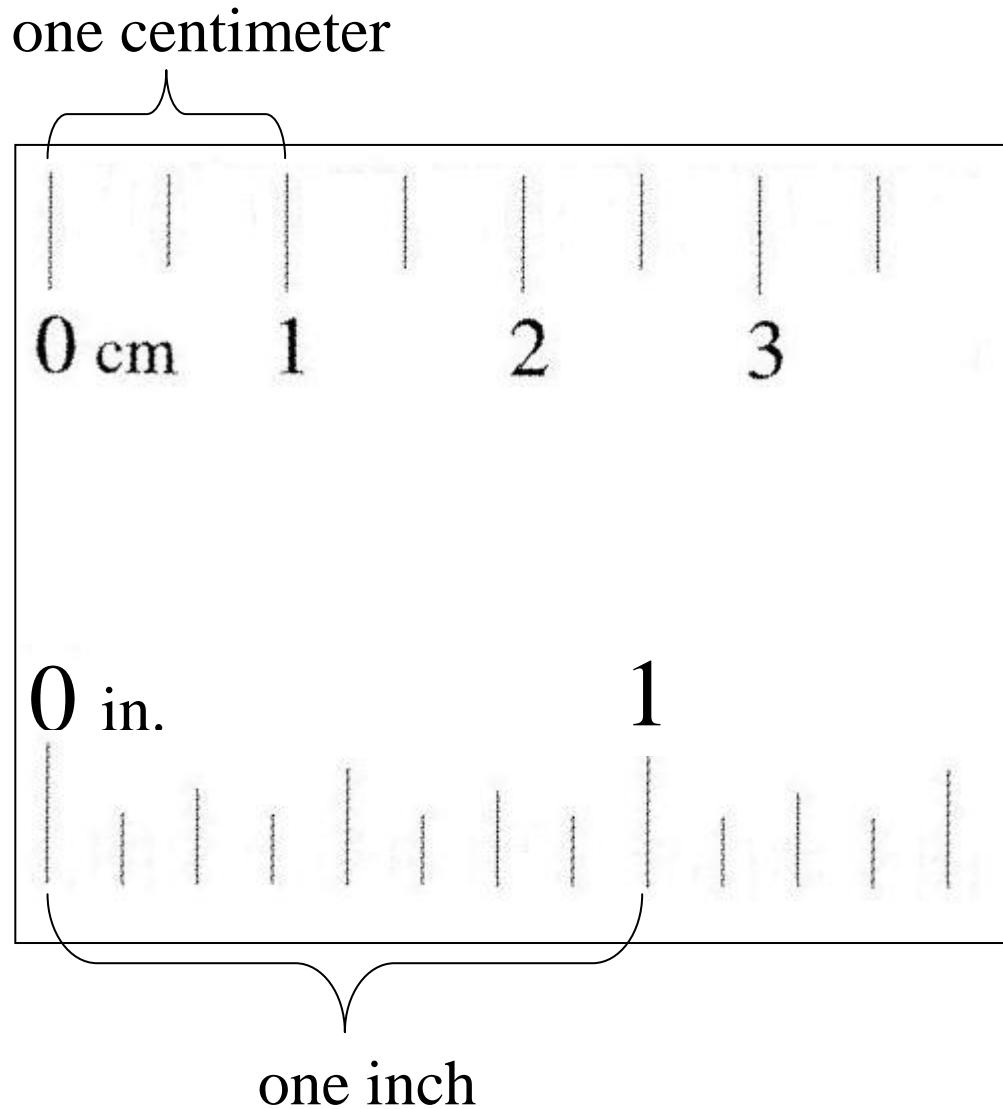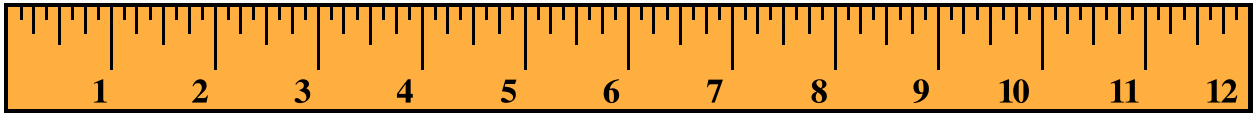# 10¢
ten cents

Quarter

25¢
twenty-five cents

Dollar

$1.00

one-hundred cents

Ruler

one centimeter

0 cm   1   2   3
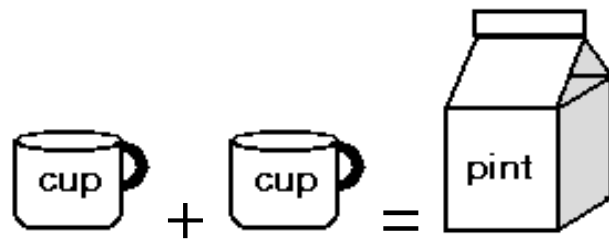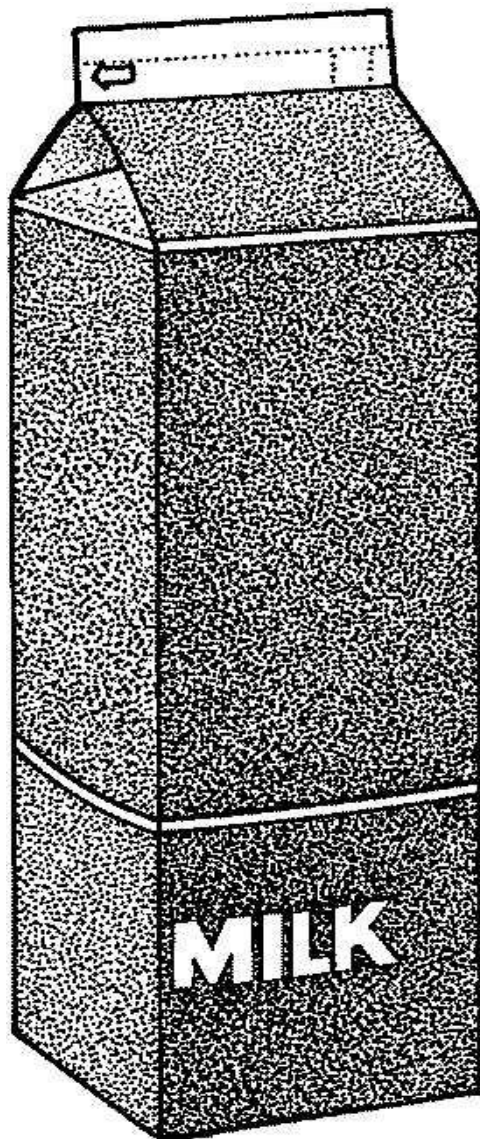
0 in.   1

one inch

Foot

12 inches = 1 foot

Cup

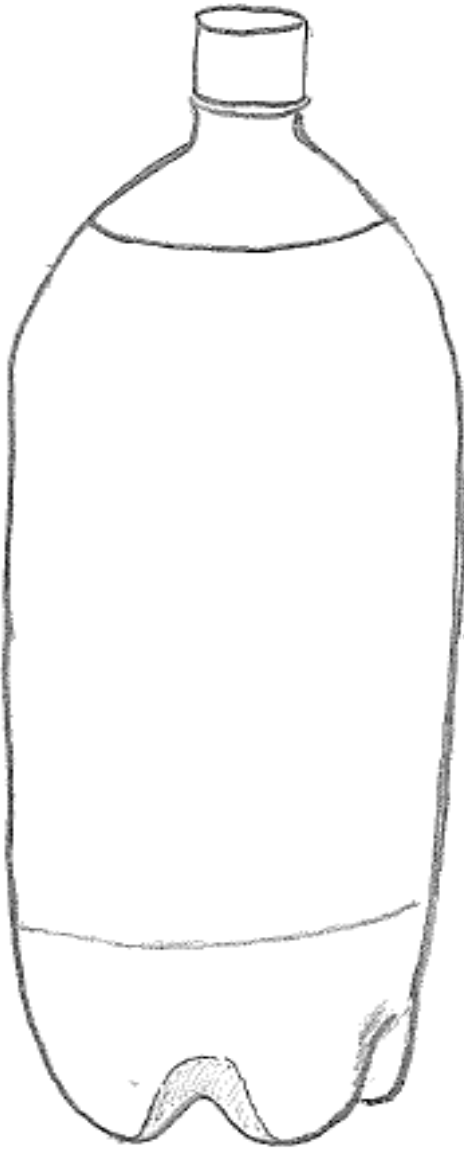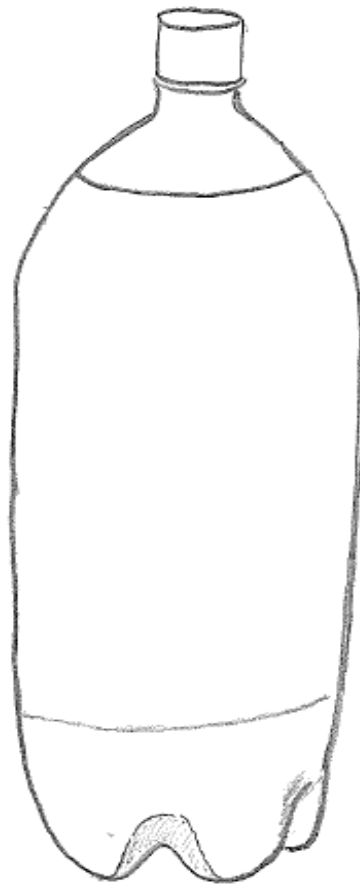# 8 ounces

Pint

2 cups
16 ounces

Quart

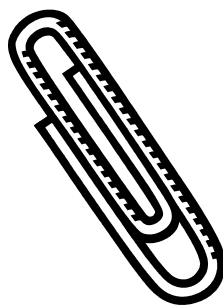# Gallon

Liter

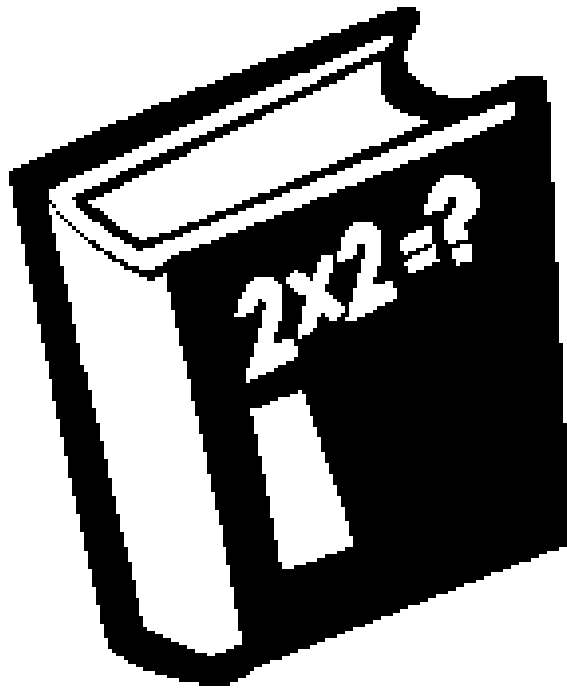2 liters   1 liter

Gram

Kilogram

weight/mass
1,000 grams = 1 kilogram

Ounce

Pound

weight/mass
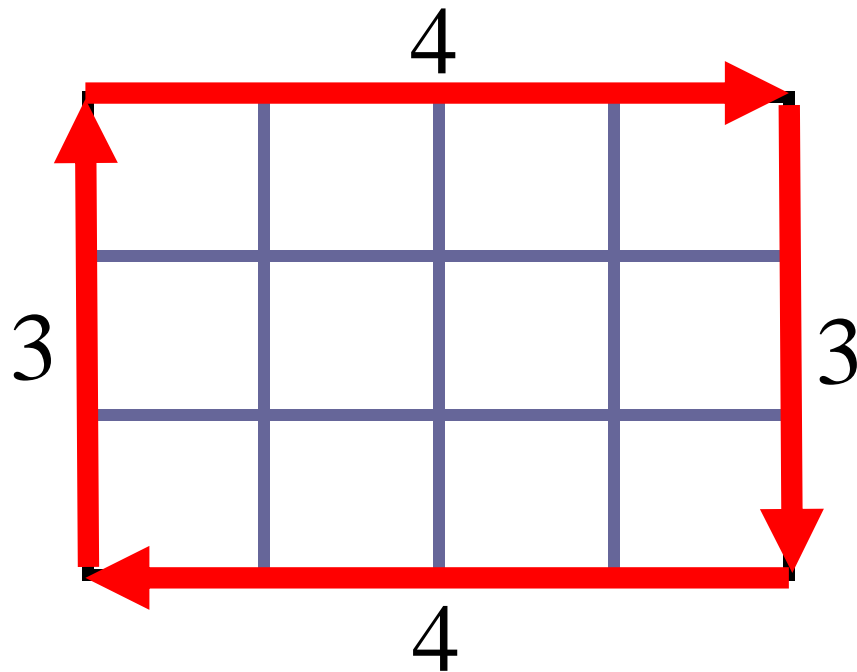16 ounces = 1 pound

Balance Scale
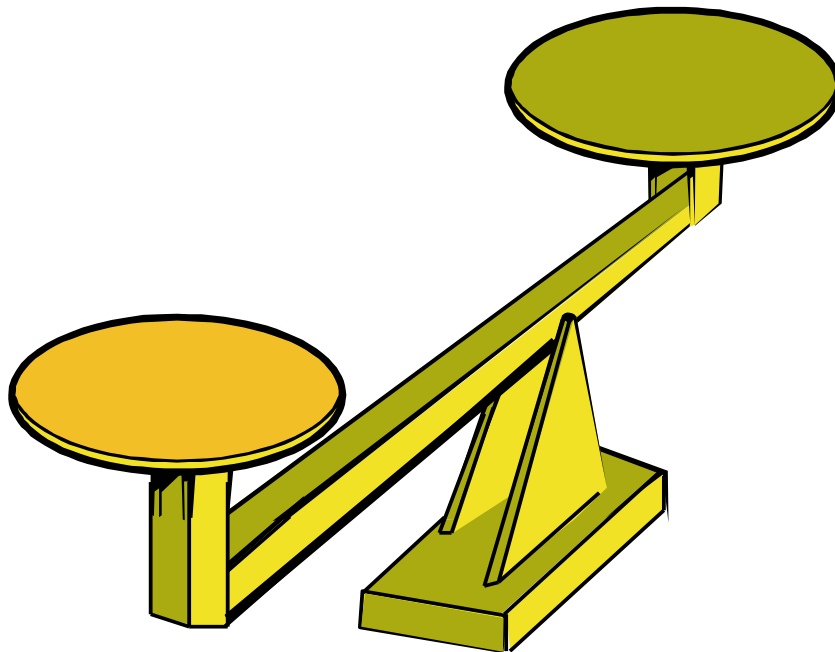
weight/mass

Scale

weight/mass

Area

1	2	3	4
5	6	7	8
9	10	11	12

12 square units

Perimeter

4

3

3

4

$$3 + 4 + 3 + 4$$

14 units

Clock

digital   analog

time

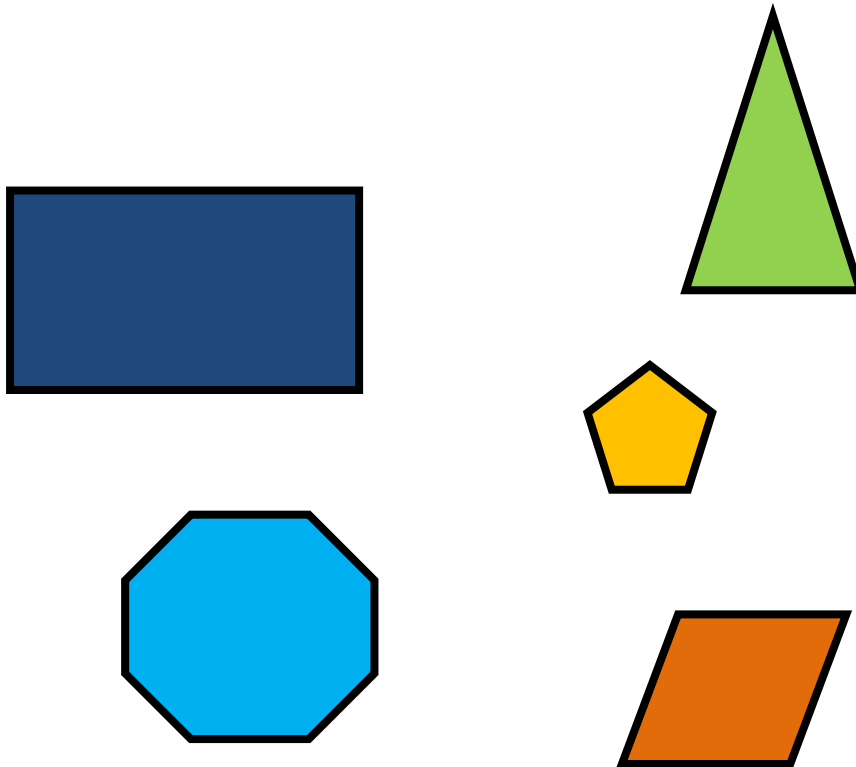30 minutes = one-half hour
60 minutes = 1 hour

Calendar

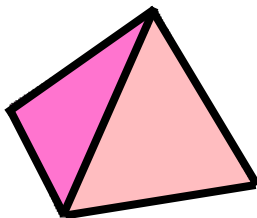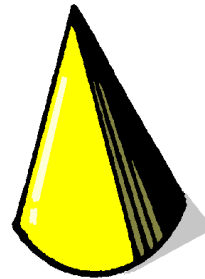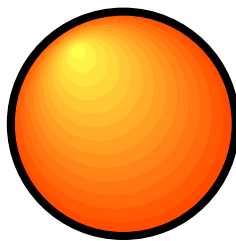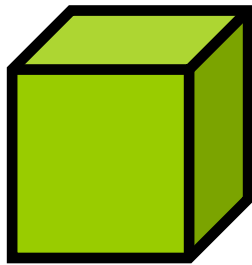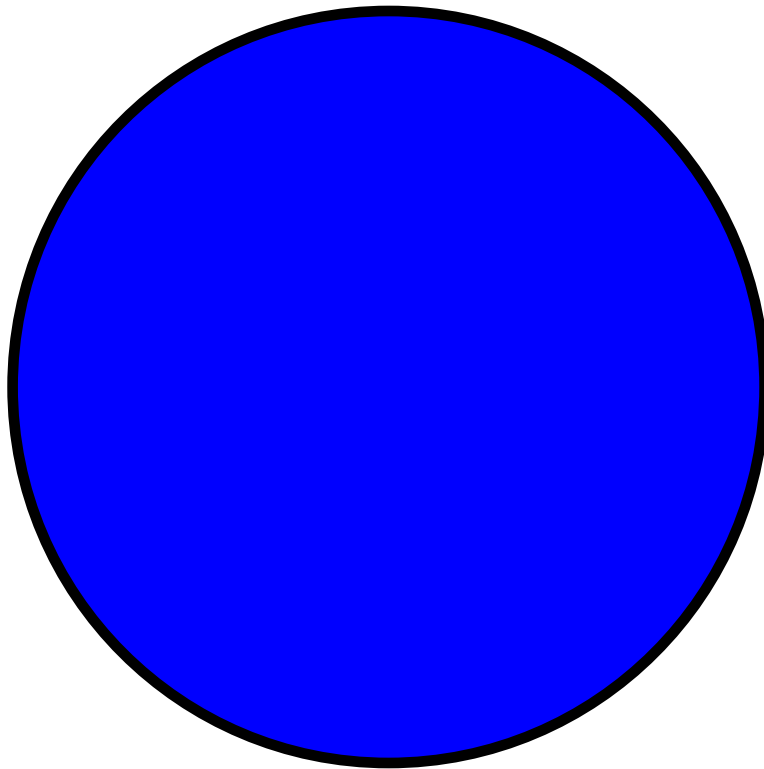| NOVEMBER						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

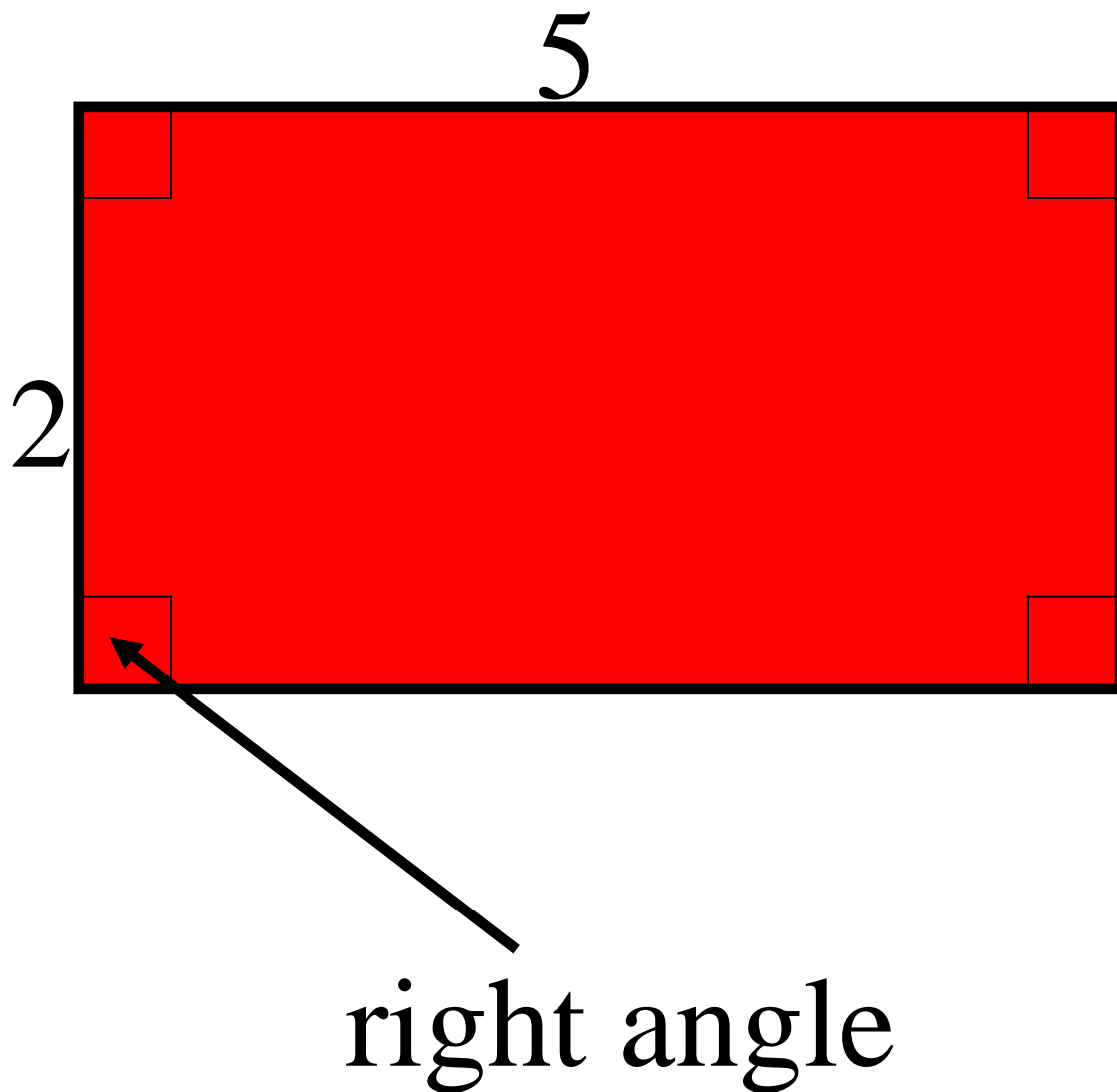# Thermometer
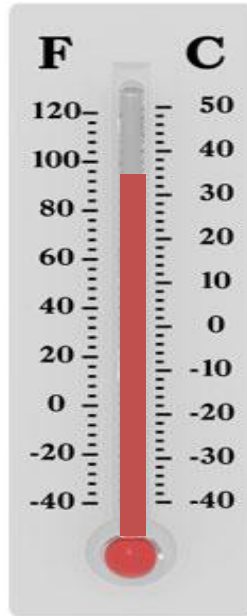
temperature

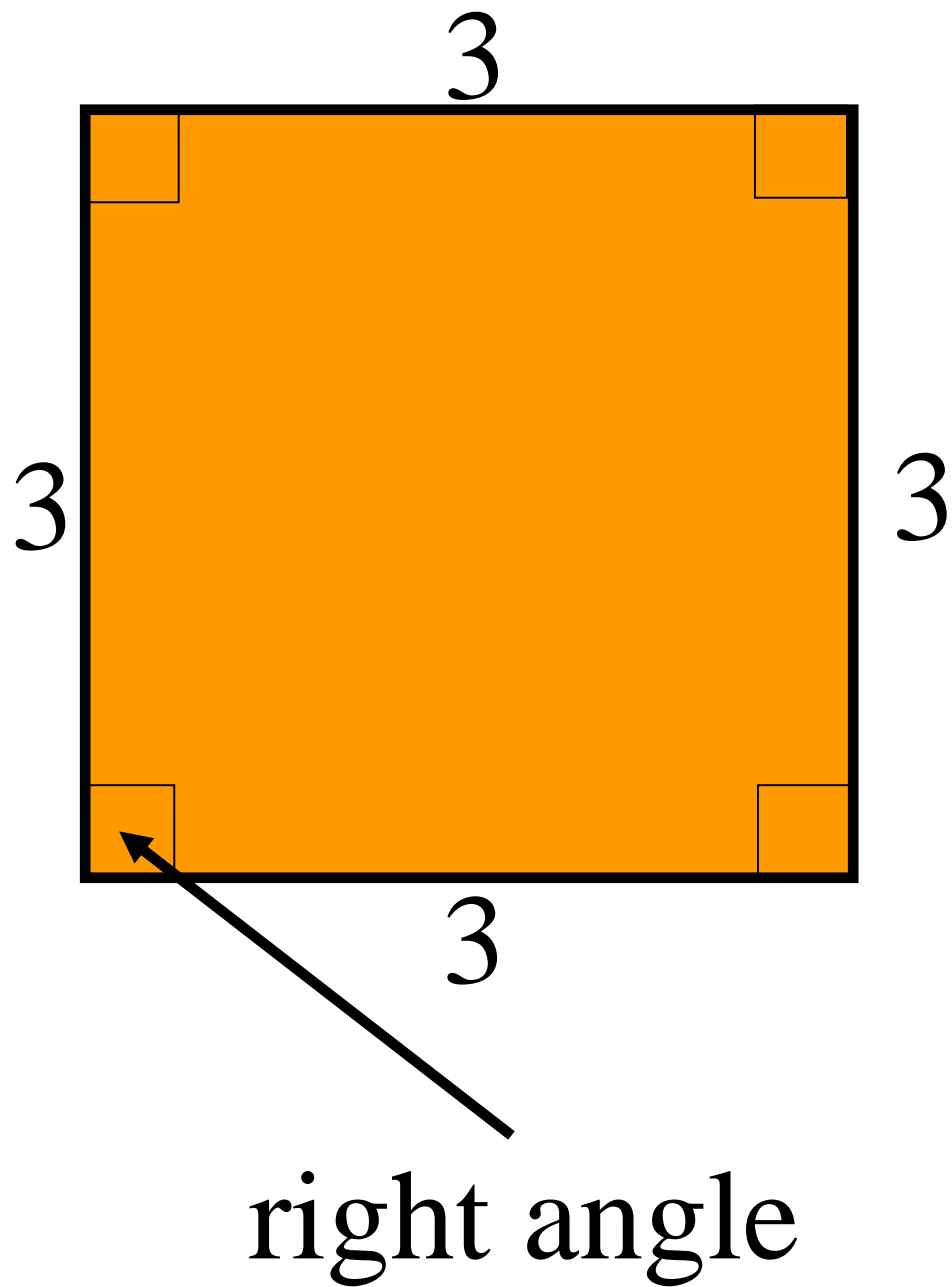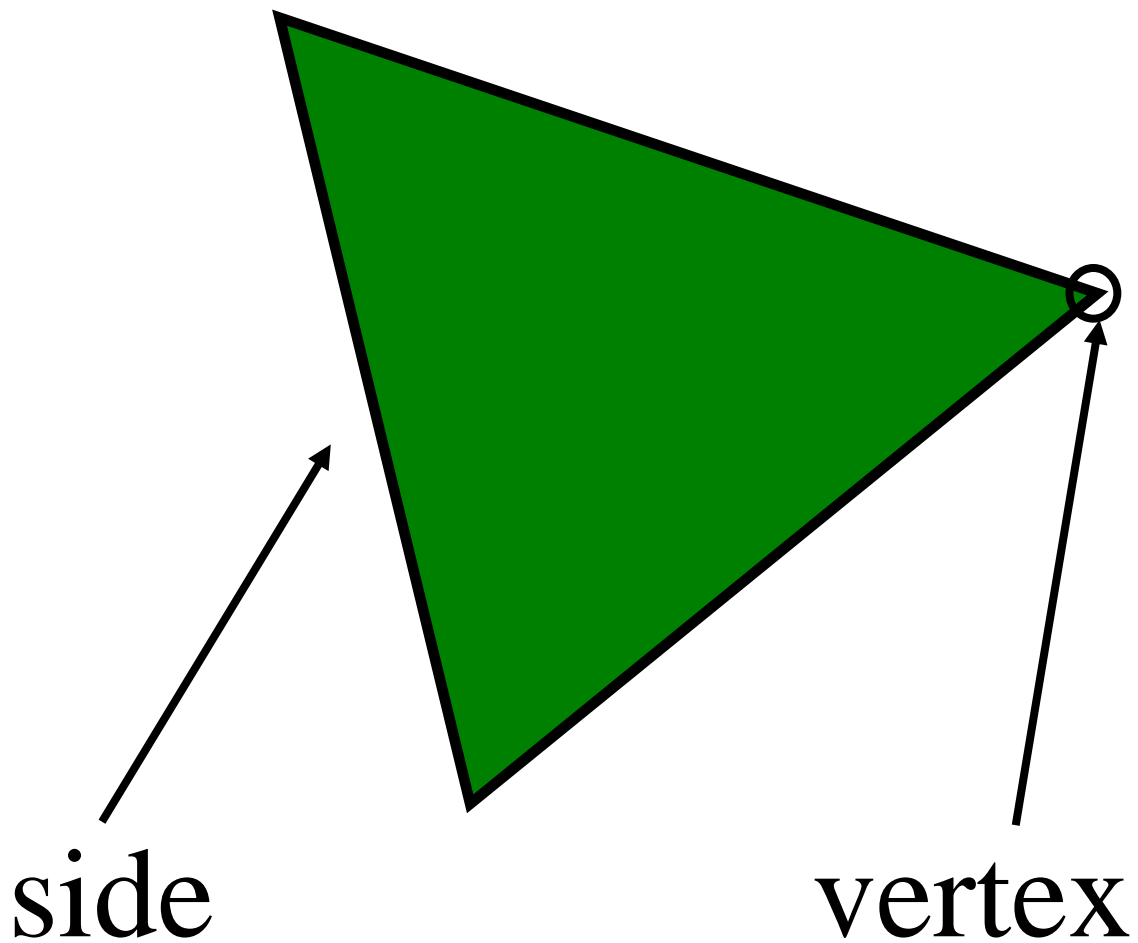degrees °

Fahrenheit

Celsius

Plane Figures

Solid Figures

Circle

Rectangle

5

2

right angle

Square

3

3   3

3

right angle

Triangle

side   vertex
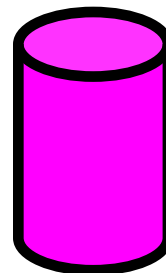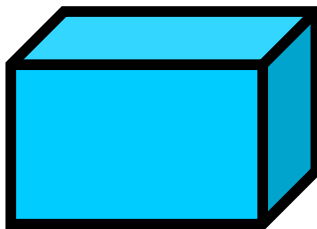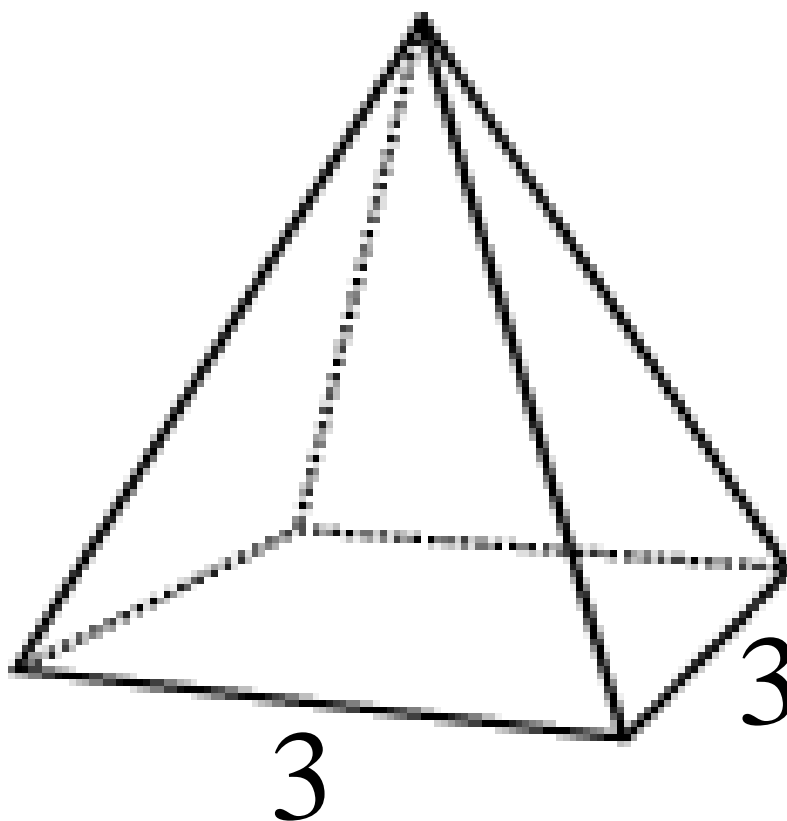
Sphere

Cube

face   vertex   edge
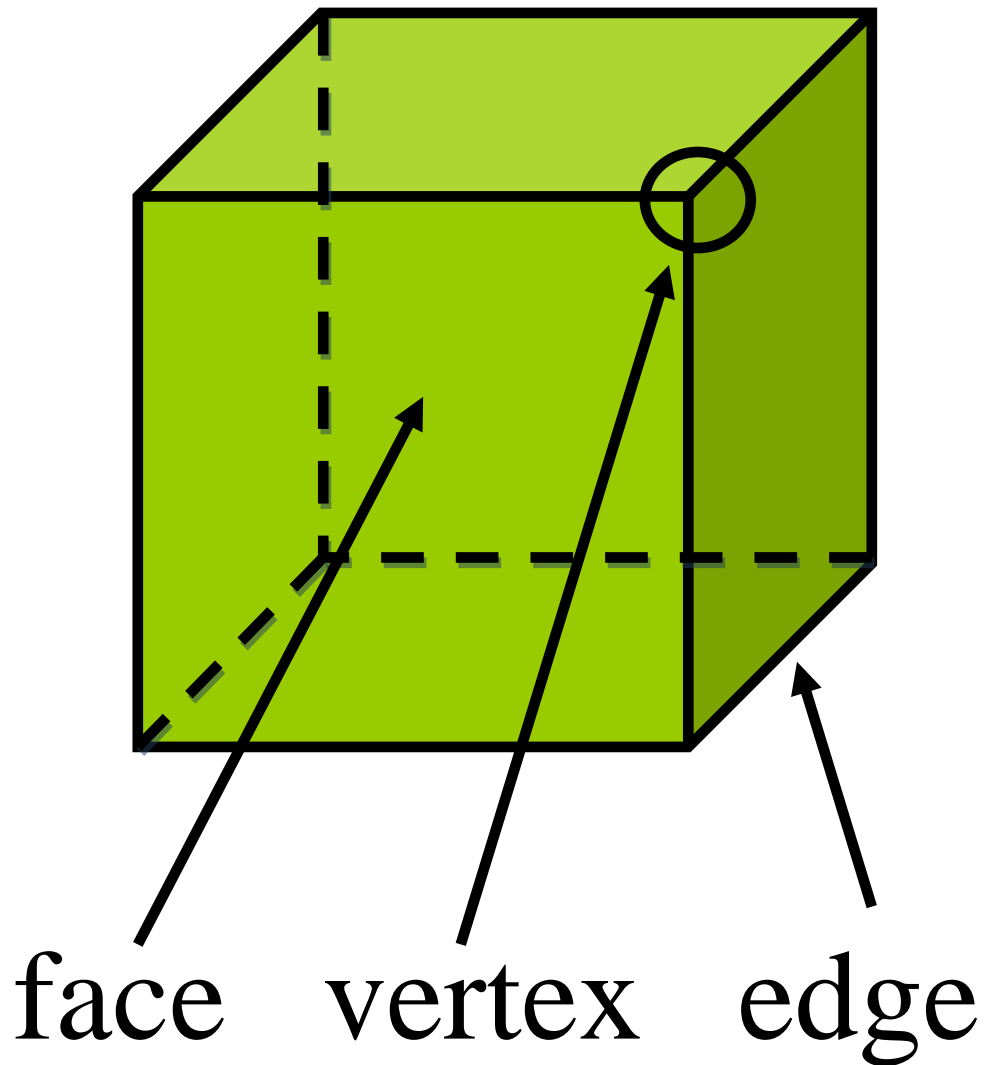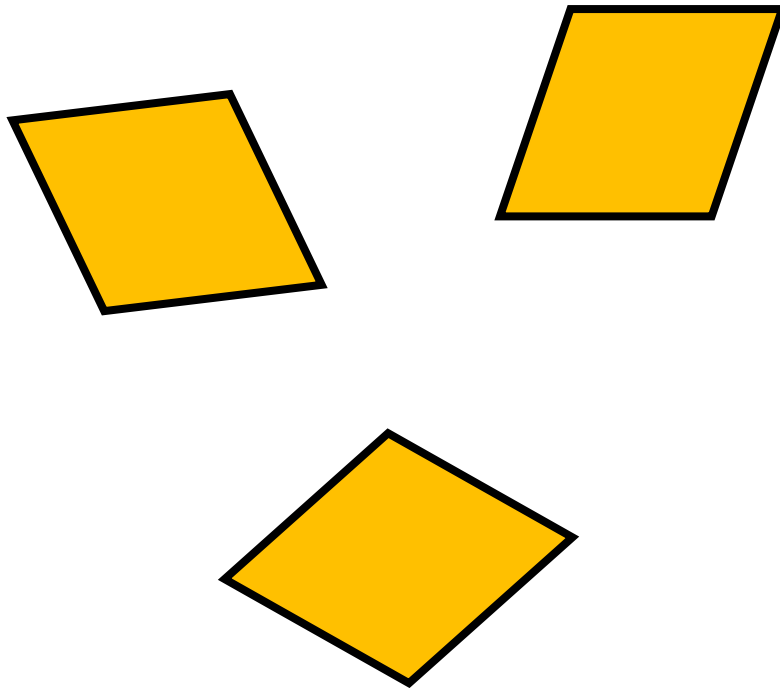
Rectangular Prism
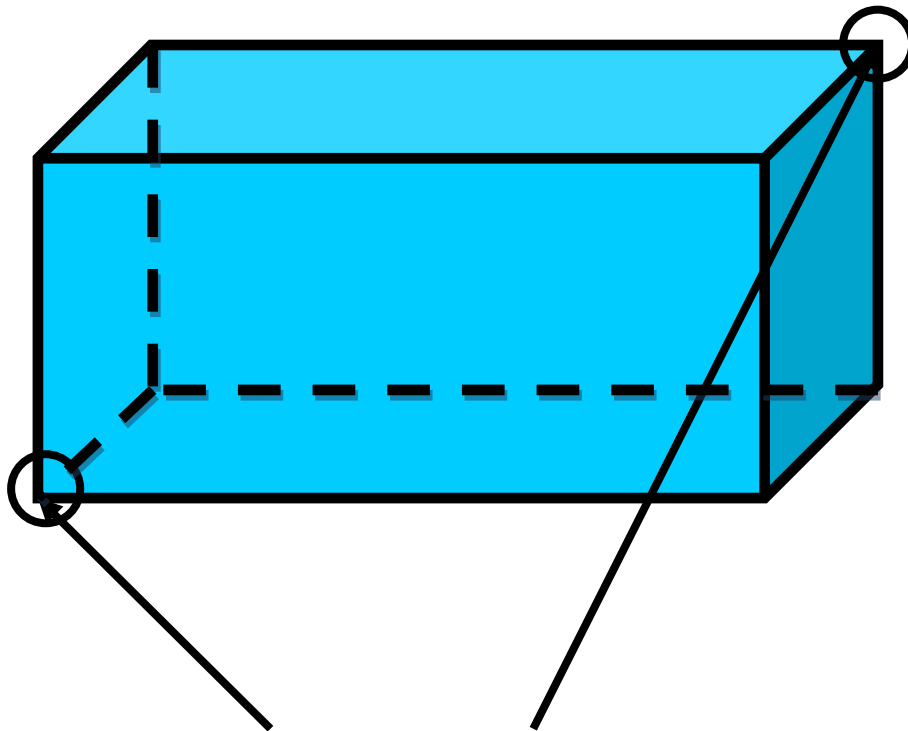
vertices

Square Pyramid

3

3

Cylinder
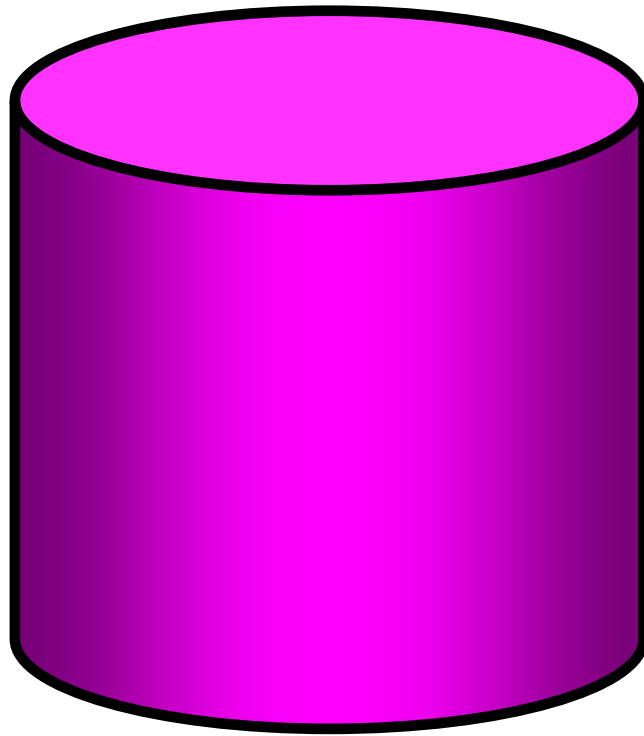
Cone
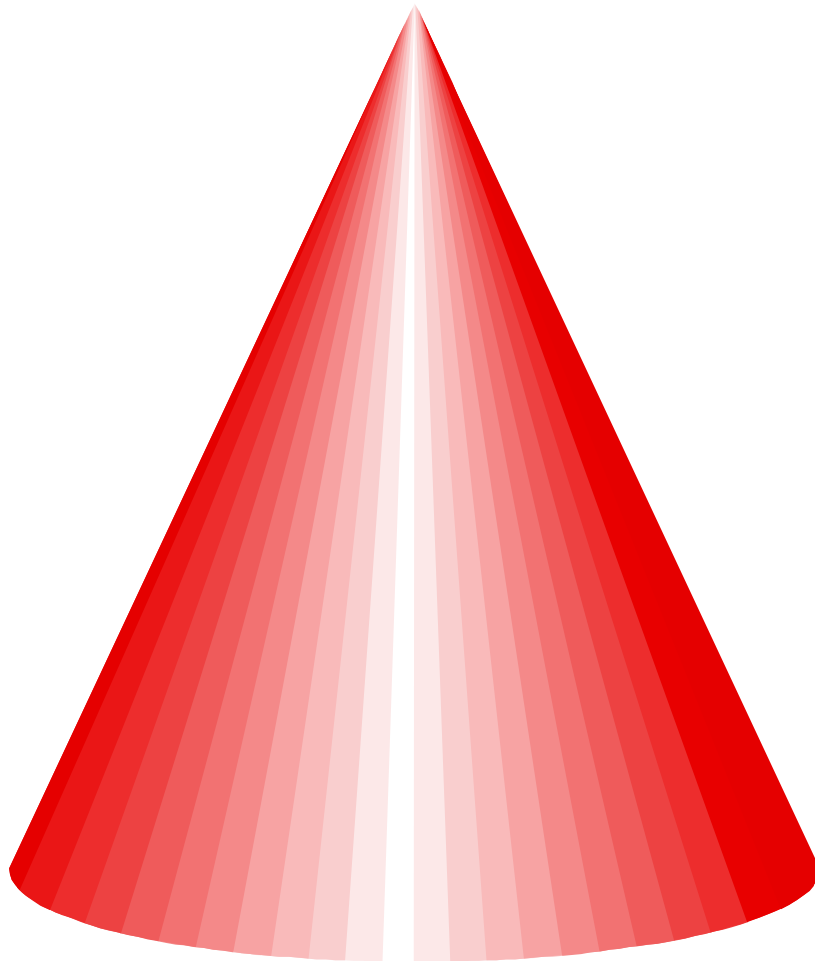
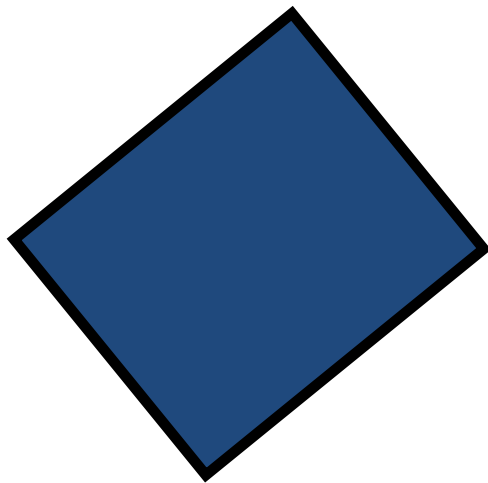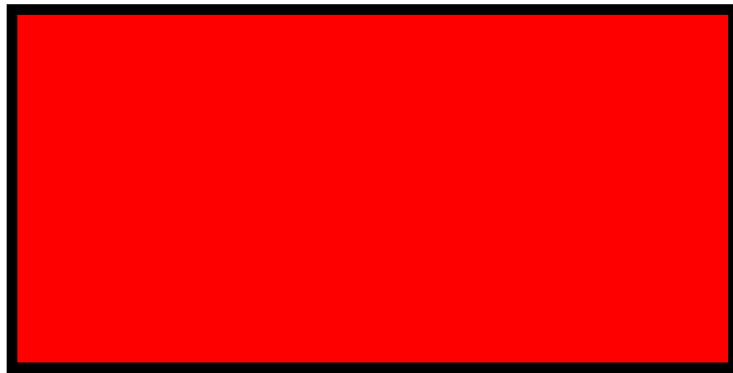# Congruent

same shape and size

Noncongruent

Line Segment

Point

●

Angle

Line

A   B
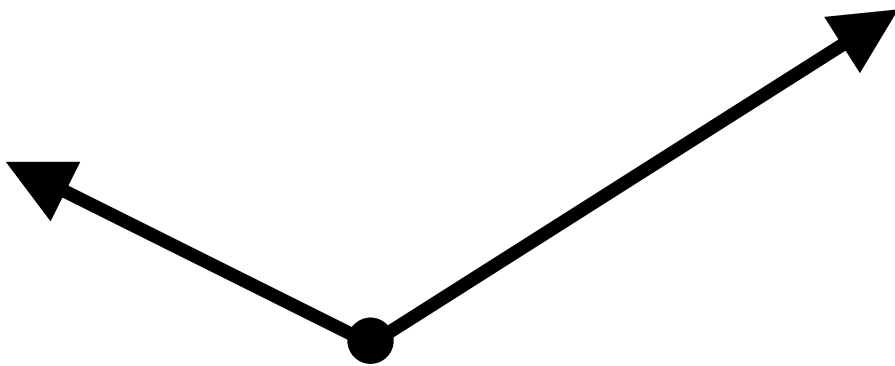
Ray

Bar Graph

Our Favorite Ice Cream
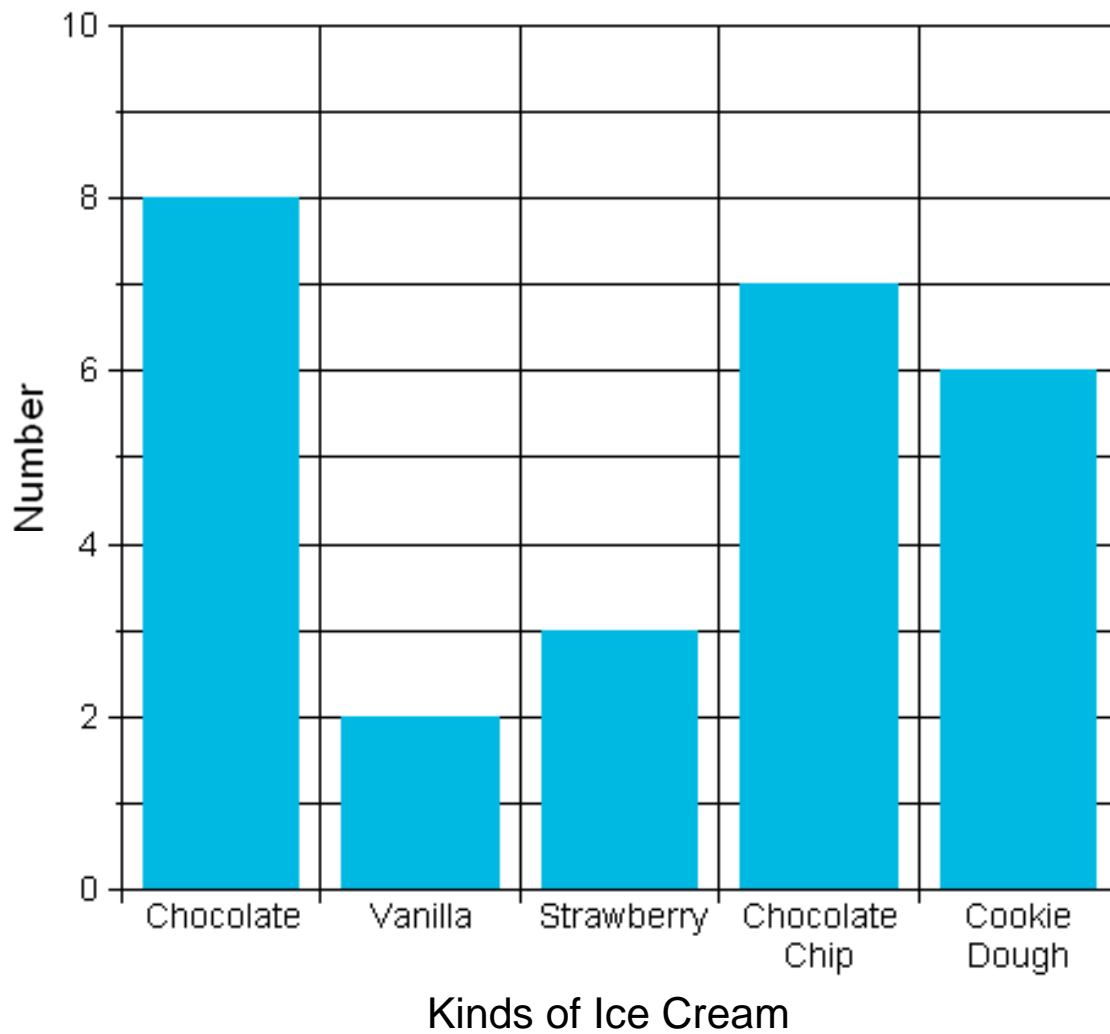
Line Plot

Number of Pets

```
X           X
X    X    X         X
◄——┼——┼——┼——┼——┼——►
   1    2    3    4    5
```
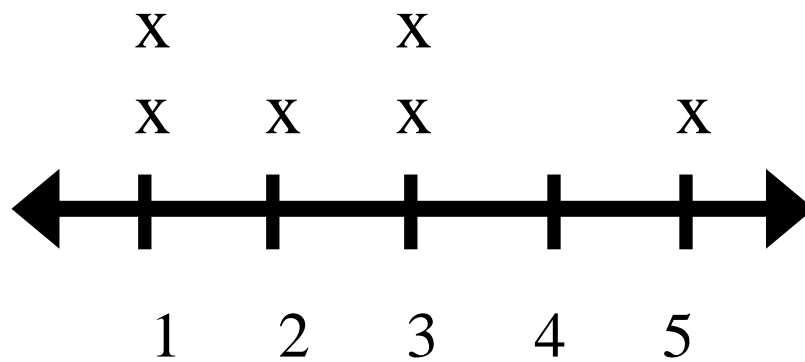
X represents 1 student

Certain
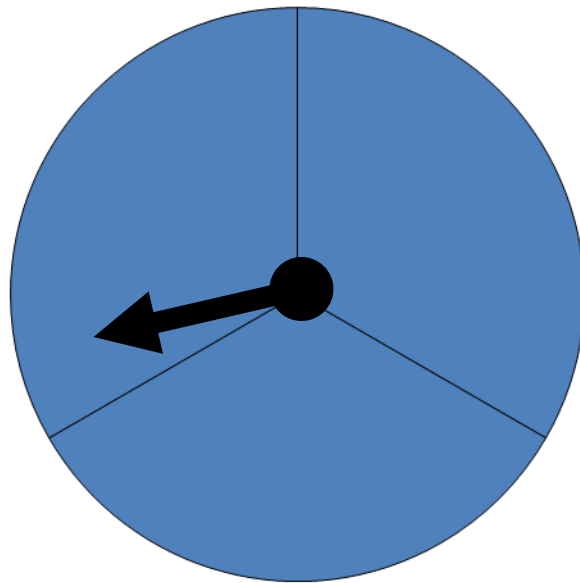
▨ is certain

Likely

■ is likely

Unlikely

■ is unlikely

Equally likely

■ and ☐ are equally likely

Impossible
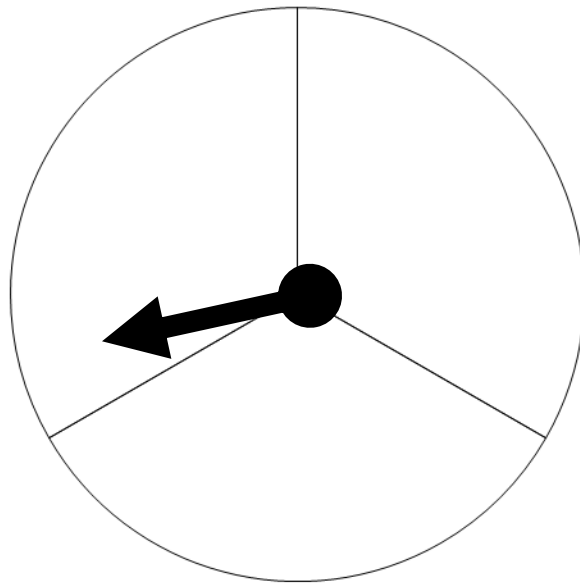
🟦 is impossible

Equal sign

$=$

$$6 = 4 + 2$$

$$10 = 10$$

$$3 + 5 = 4 + 4$$

equal

same as

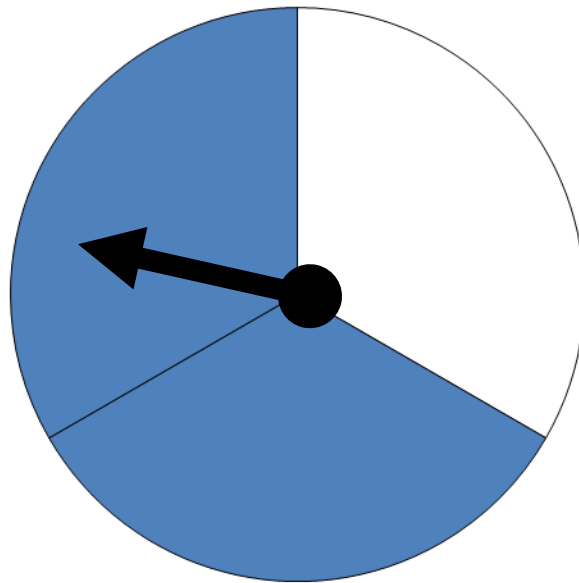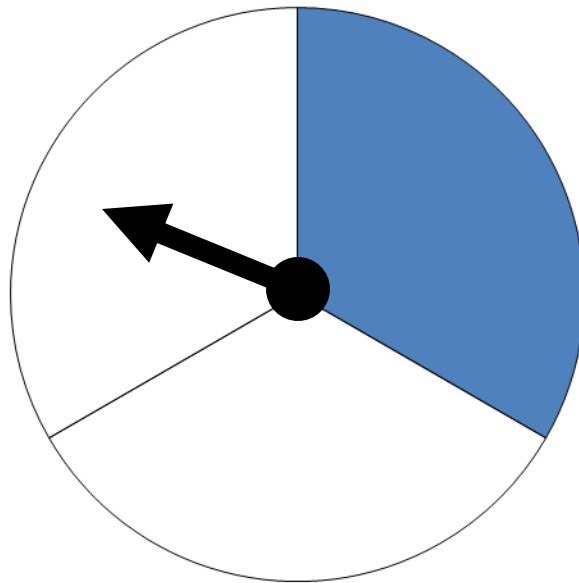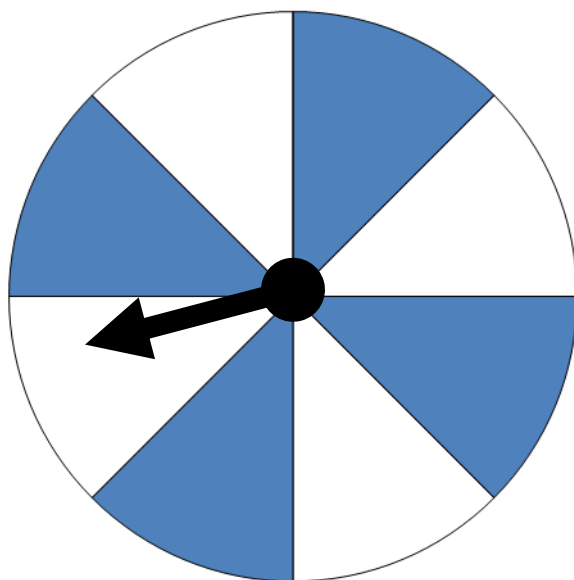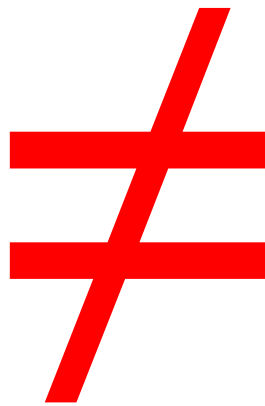# Equality

$$=$$

$$2 + 9 = 9 + 2$$
$$7 + 4 = 13 - 2$$

Inequality

$$\neq$$

$$5 + 6 \neq 4 + 8$$
$$9 - 4 \neq 3 + 3$$

Identity Property

Addition:

$8 + 0 = 8$

$0 + 12 = 12$

Multiplication:

$5 \text{ x } 1 = 5$

$1 \text{ x } 22 = 22$

Commutative Property

Addition:

$$12 + 5 = 17$$
$$5 + 12 = 17$$

Multiplication:

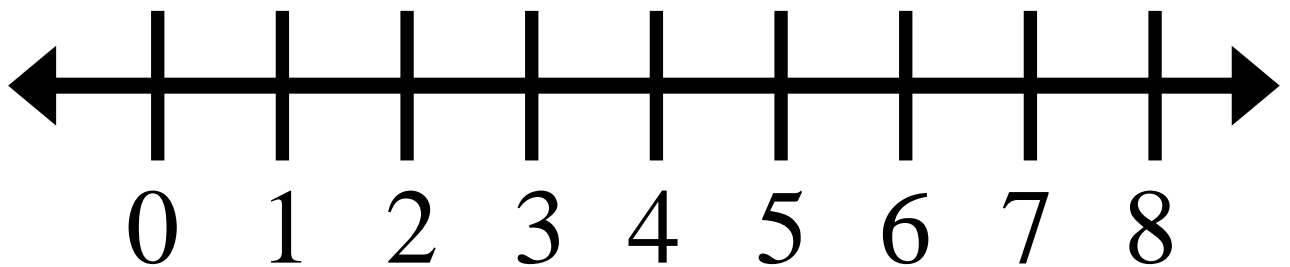$$12 \text{ x } 9 = 108$$
$$9 \text{ x } 12 = 108$$

Pattern

Growing Pattern

✖🔷✖🔷🔷✖🔷🔷🔷

3, 5, 7, 9, _, 13, _

Input	Output
3	5
5	7
7	9
9	__

Number Line

```
 ←─┼──┼──┼──┼──┼──┼──┼──┼──→
   0  1  2  3  4  5  6  7  8
```

Calculator