

Fourth Grade Math Vocabulary

1. Expression- numbers and symbols that represent a mathematical relationship

$$4 + 5$$

An example of an expression is $(4 + 5)$.

2. Equation- a statement that two mathematical expressions are equal

An example of an equation is $90 \div 9 = 10$.

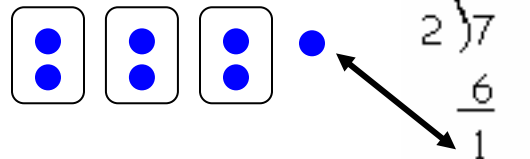
$$4 + 5 = 9$$

3. Division-the operation of separating into equal groups.

When I divided a group of 6 cookies among 2 friends, each had a smaller group of cookies.



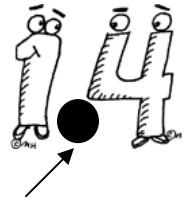
4. Remainder- the amount left over after dividing into equal groups



One of the remainder when 7 is divided into 2 equal groups.

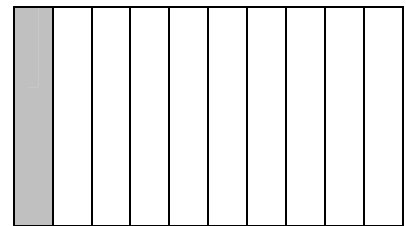
5. Decimal Number- A number which contains a decimal point that separates the whole number and the fractional part

The decimal number is read "one AND four-tenths."



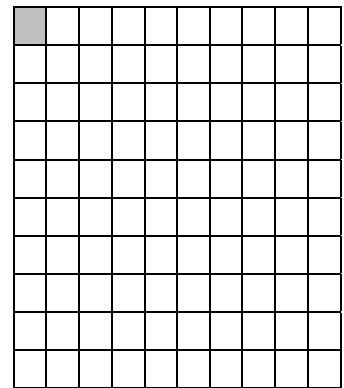
6. Tenth- one out of 10 equal parts

One-tenth can be written as a decimal or fraction.



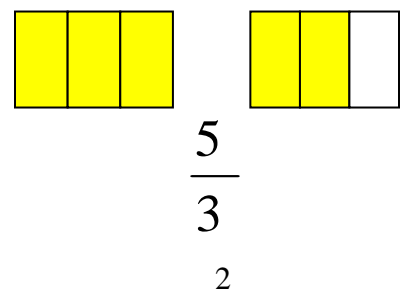
7. Hundredth- one out of 100 equal parts

The decimal 0.01 has a 1 on the hundredths place.



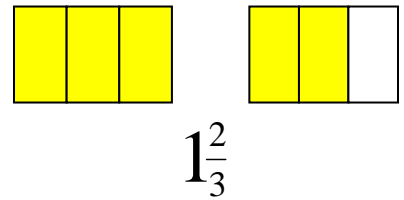
8. Improper fraction-a fraction with a numerator greater than or equal to its denominator

An improper fraction is equal or greater than 1.

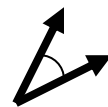


9. Mixed Number-a number with a whole number and a fraction

One and two-thirds is a mixed number.



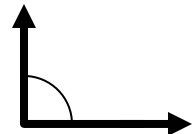
10. Acute angle- An angle smaller than right angle



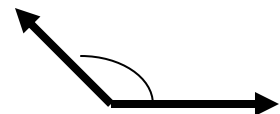
The letter "V" forms an acute angle, because it is smaller than a right angle.

11. Right angle- an angle formed by two perpendicular lines

Right angles can be measured with the corner of computer paper.



12. Obtuse- An angle greater than a right angle



The letter "Y" forms two obtuse angles that are larger than right angles and one acute angle.

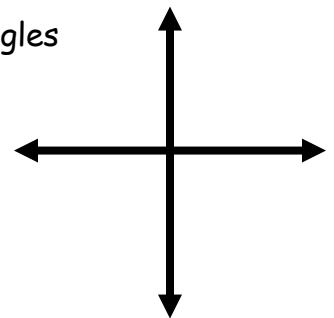
13. Parallel- lines or segments that are always the same distance apart and will never intersect



The letter "H" has parallel segments.

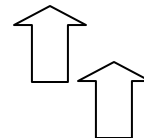
14. Perpendicular- segments or lines that intersect at right angles

The letter "T" forms perpendicular segments.



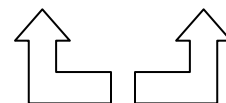
15. Translation- a transformation that slides a shape to a different position without rotating or flipping it

A translation slides an object.



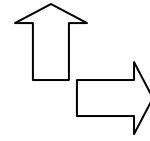
16. Reflection- a transformation that flips a shape so it is a mirror image of the original shape

A reflection flips an object.



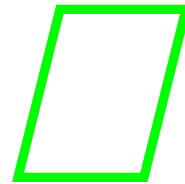
17. Rotation- a transformation that turns a shape around a central point

A rotation turns an object around a center point.



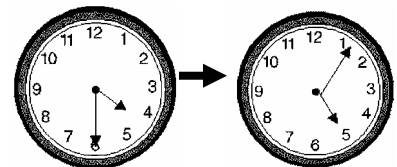
18. Parallelogram- a four-sided polygon with 2 pairs of parallel and congruent sides

A parallelogram looks like a slanted rectangle.



19. Elapsed time-the amount of time that passes between two given times

To find elapsed time, I use time-on-a-line as a strategy.



20. Conversion-the renaming of one unit of measurement to another equivalent unit of measure

1 foot



12 inches

Use a table to make a conversion from feet to inches.