



Multifaceted Word Graphic Organizer

- Language is fluid and dynamic
 - New words are continuously being added to the English lexicon
 - New words can develop by:
 - forming derivatives and compounds (childlike, tugboat)
 - Blending and clipping (television + marathon = marathontele) = marathontele
 - Adding words from science and technology (liposuction)
 - Allowing abbreviations to take on meaning (ATM, CD)
 - Creating new slang and everyday expressions (downsize)
 - Coining words to take the place of words (thingamabob, gizmo)
- (Johnson, 2001)

Vocabulary Acquisition

- **Stage 1:** no knowledge of a word in any working vocabulary
- **Stage 2:** heard the word but are unsure of the meaning
- **Stage 3:** vague sense of the meaning of the word—describe a meaning for it in general terms
- **Final Stage:** fully understanding the meaning & integrating the new word into one or more of the working vocabularies (Tankersley, 2003)

Evidence that word knowledge is multifaceted

Word	Know it well, can explain it, use it	Know something about it, can relate it to a	Have seen or heard the word	Do not know the word
tyranny				
surreptitious				
grapnel				
purport				
dubious				
egregious				

Evidence that word knowledge is multifaceted

Word	Know it well, can explain it, use it	Know something about it, can relate it to a situation	Have seen or heard the word	Do not know the word
tyranny	Unmerciful rule			
surreptitious	Acting in a sneaky way			
grapnel	A hook with several prongs			
purport	Seem to mean			
dubious	doubtful			
egregious	terrible			



Complete the math multifacted chart handout

Evidence that word knowledge is multifaceted

Math Words	Know it well, can explain it, use it	Know something about it, can relate it to a situation	Have seen or heard the word	Do not know the word
Sum				
Difference				
Product				
Quotient				
Ratio				
Proportion				7

Math Words	Know it well, can explain it, use it	Know something about it, can relate it to a situation	Have seen or heard the word	Do not know the word
Sum	The result of Adding numbers			
Difference	The amount that remains after one quantity is subtracted from another.			
Product	In mathematics, a <i>product</i> is the result of multiplying, or an expression that identifies factors to be multiplied			
Quotient	The number resulting from the division of one number by another.			
Ratio	<i>A ratio</i> is a statement of how two numbers compare			
Proportion	The statement of equality between two ratios.			

Assignment

- You will be given a list of math words to define
- You will use the Frayer graphic organizer to define 5 of these words.
- The first one has been done for you

Inequality

Definition

Inequality is a statement how the relative size or order of two objects, *or* about whether they are the same or not.

Characteristics

Used in equations

Compares objects or numbers

the solution to an inequality is a value that makes the inequality true.

You may add any positive or negative number to both sides of an inequality

You may multiply or divide both sides of an inequality by any positive number.

Watch out! If you multiply or divide both sides of an inequality by a negative number, reverse the direction of the inequality sign!

Examples

The notation $a < b$ means that a is **less than** b .

The notation $a > b$ means that a is **greater than** b .

The notation $a \neq b$ means that a is **not equal to** b

Non-Examples

Dominoes

Cards

verbs