BHH08   4:40 p.m.   Formula Recollection Through a Never Before Seen Mnemonic Technique

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While in the Army, Mr. Schunicht was involved in a mid-air collision rendering him unconscious for three weeks. Everything had to be re-learned as nursing actions were reported as having been displayed upon awakening from the extended unconsciousness (19 days). Studies in recovery brought about some pragmatic discoveries to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical sign, i.e. "a" for multupliication implying "@", "o" for division implying "over", "i" for subtractionimplying "minus", "u" for addition implying "plus", and "e" implying "equals." Most constants and variables are indeed consonants, e.g. "c" = "speed of light", and "R" = "Rate/time variable." With this technique, any formula may be algebraiclly manipulated into aword/series. Additional letters may be added to enhance intelligibility, but these additional letters may only be consonants. Examples of this technique's applicability will be shown using common physics formulas, as well as representative formulas submitted upon arrival.

HI08:   1:55–2:05 p.m.   Physics Formula Recollection Through a Never Before Seen Mnemonic Technique

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While in the Army, the author was involved in a mid-air collision rendering him unconscious for three weeks. Everything had to be re-learned, as nursing actions were reported as having been displayed upon awakening from the extended unconsciousness (19 days). Studies in recovery brought about some pragmatic discoveries to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical operation, i.e. "a" multiplication implying "@","o" for division implying "over", "i" for subtraction implying "minus", "u" for addition implying "plus", and "e" implying "equals". Most constants and variables are indeed consonants, e.g. "c" = "speed of light" & "z" = "altitude". Note how with this author's mnemonic technique, ANY FORMULA may be algebraically manipulated into a word, or series of words for ease of recollection. Additional letters may be added to the letter combination to enhance their intelligibility, but these additional letters need be consonants only! The transition of complicated formulas into simple acronyms will be shown, as well as those submitted by attendees upon arrival. One common example is the quadratic equation: CAPITAL LETTERS ARE ADDITIONAL CONSONANTS yeS, i buiLD rabbits 4caTS oN 2HaTS (remember Dr. Seuss?) The possibilities of mnemonic technique are limitless as Delta X => 0. With the student's usage, an acronym will become more apropos to the actual formula it actually represents! Sample cards will be handed out upon attendance, as well as formulas submitted will be explored using this author's mnemonic technique to illustrate its applicability to complicated equations submitted by addendees.

GF06:   Formula Recollection Through a Wordly Recognized Mnemonic Technique

Balcony C
Tuesday, Feb. 16
8:00 PM -8:12 PM
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None

Physics may be made fun, and encourage further learning through ease of recollection of complicated formulas; all the while increasing a student's comfort with their algebraic skills. Examples will be shown of how ANY complicated formula will be made into a memorable acronym using this author's mnemonic technique, i.e. allowing each vowel to represent a mathematical operation: " a" multiplication implying "@"; "o"-division implying "over"; "i"- subtraction to imply "minus"; "u"-addition to imply "plus"; and "e" implying "equals". Most constants and variables are indeed consonants; "c" = "speed of light" & "z" = "altitude". With this mnemonic technique ANY formula may be algebraically manipulated into a word, or series of words for ease of recollection. Additional letters may be added to enhance the intelligibility of such a letter combination, but these additional letters need be consonants ONLY. This mnemonic technique was developed as a compensatory memory method when taking physics at Texas A&M University following a severe head injury (19 days unconsciousness!) suffered by this author.

FG07:   2:20–2:30 p.m.   Formula Recollection Made Easy Through a WORLDLY Recognized Mnemonic Technique

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While in the Army, Mr. Schunicht was involved in a mid-air collision rendering him unconscious for three weeks. Everything had to be re-learned as nursing actions were reported as having been displayed upon awakening from the extended unconsciousness (19 days). Studies in recovery brought about some pragmatic discoveries to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical operation, i.e. "a" multiplication implying "@","o" for division implying "over", "i" for subtraction implying "minus", "u" for addition implying "plus", and "e" implying "equals". Most constants and variables are indeed consonants, e.g. "c" = "speed of light & "z" = "altitude". ****Note how using this mnemonic technique, [vowels:mathematical operations], any formula may be algebraically manipulated in to a memorable word combination for ease of recollection. Additional letters may be inserted to enhance the intelligibility of the initial letter compilation but these additional letters need be CONSONANTS ONLY.

DG03: 8:20–8:30 a.m. Formula Recollection through Unique Mnemonic Technique

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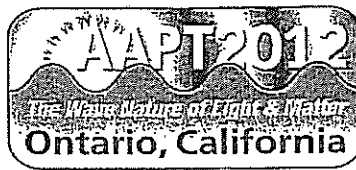
This presentation is for a worldly recognized mnemonic technique to allow for simplification of complex formulas by their transition into a memorable acronym. The basic technique is to allow each vowel to represent a mathematical operation, that is, the letter a for multiplication to imply @, the letter o to represent division to imply over, the letter i to represent subtraction implying minus, the letter u to represent addition implying plus, and the letter e implying equals. Most constants and variables are indeed consonants, c for the speed of light, and z for altitude, except i build rabbits 4 cats on 2 hats is a acronym for the quadratic equation. Everyone remembers Dr. Seuss? Using this author's mnemonic technique, other acronyms will be shown, as well as those submitted upon attendance. Sample cards to illustrate vowels:mathematical operations will be available. The possibilities of this mnemonic technique are limitless, as Delta X =>0.

FG12: 10:10–10:20 a.m. Acronyms (vowels: mathematical operations)

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When instructing physics, formulas are continually espoused with applications, historical highlights, and derivatives in the same orderly fashion. Students have other classes and assignments. Physics now becomes second, if not discarded altogether. While in the Army, Mr. Schunicht was involved in a mid-air collision rendering three weeks of unconsciousness. Pragmatic discoveries were made to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical operation, i.e. "a" multiplication to imply "@", "o" for division to mean "over", "i" for subtraction to signify "minus", "u" for addition to symbolize "plus", and "e" for "equals". Most constants, and variables are indeed consonants, e.g. "c" = "speed of light" & "z" = "altitude. ADDITIONAL LETTERS may be inserted for intelligibility, but need be CONSONANTS An acronym for The Quadratic Equation is; exCePT i buiLD rabbiTS 4 caTS oN 2 HaTS. Remembers Dr. Seuss?? The possibilities of this mnemonic technique are limitless as Delta X => 0 *

*The application of this mnemonic technique [vowels: mathematical operations] to Western languages is remarkable; however its application to Eastern characters has yet to be explored...

FD08: 9:40–9:50 a.m. Acronyms to Encourage Physics Education

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When instructing classes, physics formulas are continually espoused with applications, historical highlights, and derivations always in the same fashion. Students have other classes, assignments, et.al. For this reason, the study of physics takes second place, if not being discarded altogether. This author came back to school after suffering a severe head injury to make some pragmatic findings to compensate for the residual memory deficits. The most valuable was having each vowel represent a mathematical operation. Using this technique, any formula may be algebraically manipulated into a word for recollected ease, ADDITIONAL LETTERS may be added to enhance a letter combinations intelligibility, but need be CONSONANTS only. Examples include: exCePT i buiLD rabbiTS 4 caTS oN 2 HaTS. Everyone remembers DR. Seuss? This acronym is for the quadratic equation! Sample cards will be distributed, as well as formulas tackled that are submitted.

GH02: 2:50–3 p.m. Acronym Usage 4 Physics Equations

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Physics instruction using acronyms is always remembered. Examples include FOIL (First, Outside, Inside & Last). Another: My (Multiplication)- Dear (division)- Aunt (Addition) & Sally (subtraction). Others, forgotten soon thereafter, if not continually used. This author was in a plane crash, rendered unconscious for three weeks culminating with B BS. Pragmatic discoveries were made to compensate for memory defic The most valuable was having each vowel: mathematical operation, i.e. =>multiplication, o:over =>division, i:minus =>subtraction, u:plus => dition, and e:equals. Most consonants and variables are indeed conson e.g. c: speed of light & z: altitude. Using this technique, any formula m: manipulated into a word/series of. ADDITION LETTERS may be add to enhance letter combinations intelligibility, but need be CONSONAP An acronym for The Quadratic Equation: exCePT i buiLD rabbiTS 4 c oN 2HaTS. Everyone remembers Dr. Seuss? The possibilities of this m. monic technique are limitless as ?X=> 0

The application of this mnemonic technique to Eastern characters has yet to l explored