



Young Tyros Newsletter

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Treatise on Mathematical Certainties?

COPST - Contribution of Personal Solving Techniques

COPST – Mathematical Certainties

APEX DX

Products and powers of odd numbers are odd. Products and powers of even numbers are even. Square numbers never end in the digits 2, 3, 7 or 8. Triangular numbers (number of objects that can form an equilateral triangle) never end in the digits 2, 4, 7 or 9. Three consecutive cubes must add to a multiple of 9. Try these out. They can be helpful in Cm Cryptarithm problems.

Vertical Listing of Null Ciphertext

LIONEL

QUINCE's Notes on the Null, in the Cryptogram, ND94, offered sage advice on the making of a vertical listing of the Null CT words to thread through the chaff and extract the wheat from the linguistic prose of the null. It works well when all plaintext letters are numerically located in the same position of the ciphertext words. The Null published in the MJ2017 CE Column also displayed an application of the vertical ciphertext listing when the plaintext letters of the Null are not located in identical ciphertext word locations. Check out the 1, 2 and 3 letter positions for meaningful plaintext when vertically listing the ciphertext for the MJ E-1 Null below.

MJ. E-1. Null. Uncle Chuck's old motto. (rest) TSIOLKOVSKY

What Penny understood regarding wicked Auntie Kath was all left sweets are consumed rapidly. Candies too, when they remained were also targets. Swallow them speedily held relative lore.

Tyro Tutorial Free E-Mail Offer.

LIONEL

Tyro Tutorial (148 pages) by LIONEL, fundamental cipher solving processes of some thirty different cipher types.

Three Ways to Solve Cryptograms by FLUKE, NYPHO and RED E. RASER – Free.

Practical Cryptanalysis – By B. NATURAL - Cryptographic ABC's and Bifid Cipher by ZEMBIE – Free.

Free Code and Cipher Books –Place an order. The mailing is also free.

Book Scavenger – Bertman

Codes, Secret Writing – Gardner

Codes, Secret Writing – Zim

Cracking the DaVinci Code – Cox

Cryptography - Smith

Find Out About Secret Codes - Beal

Invitation to Cryptograms – Williams

My Best Math Puzzles – Gardner

Mysterious Messages - Blackwood

Reader of Gentleman's Mail - Kahn

Secret Codes & Ciphers - Kohn

Top Secret - Janeczko

ZANAC's Gimme a Break – JA Aristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

A-1, all (2), A-2, the (2), A-3, that, A-4, the (3), A-5, ing (2), A-6, the (4), A-7, soup (2), A-8, the (2), A-9, the (2), A-10, fish, A-11, the (2), A-12, that, A-13, the (3), A-14, cat, A-15, when, A-16, war (2), A-17, the (3), A-18, zz (2), A-19, might (2), A-20, the (2), A-21, s (5), A-22, MP=ex, A-23, jacket, A-24, ic (10), A-25, ship----

ZANAC's Gimme a Break - JA Patristocrats (may be digraphs / trigraphs) (1) unless otherwise stated

P-1, that (2), the (2), P-2, the (3), P-3, that, P-4, the (2), P-5, BVZZT=green, P-6, which, P-7, that (2), P-8, that, the, P-9, you (3), P-10, the (3), P-11, the (3), P-12, the (2), P-Sp-1, Henry, the, P-Sp-2, QTCZW=knows, that.

MJ. A-24. Which side? K2. First plaintext word, old English Royal Navy synonym for starboard. NAVIGATOR

MJ. P-Sp-2. The feeling stays with you. Plaintext begins with a popular four letter pattern word. SWEET PEA

MJ. X-5. German. K2. Powerful emotion. Use K-2 CT alphabet to determine 10th pt and key word. PARROT

MJ. X-9. Latin Pollux. Politics. (nihil-3) Leads off with one of the three placements for the crib. THE DOC

MJ. X-10. French Complete Columnar. Pet show gone wrong. (anciens) Period 7 begins “Les....” ARDUINNA

MJ. X-11. German Frac. Morse. Sea view. (von jeher ziehen) Crib at pos. 109. Begins “Wir...” CONFUOCO

MJ. X-12. Spanish Grandpre. Learning routines. (No W in the key.) LONELY RINGER

PARROT extended crib: “de lo rutinario de lo ya aprendido hay” placed at position 139.

MJ. E-14. Nicodemus. The RAT describes Silicon Valley. MSCREP nudges: Period 12, Beaufort type. SCRYER

MJ. E-15. Key Phrase. Tech jargon. Extended crib by MSCREP “is a term used to refer” THE RAT

MJ. E-16. Twin Trifids. ACA and FUNERALLY reports “First 26 the same.” FUNERALLY

MJ. E-17. Tridigital. Questionable optimism. Extended crib by MSCREP “start with their shirt” WALRUS

MJ. E-18. Foursquare. Hello Grandpa. MSCREP extended crib “akesyoulongertorest” at digraph 47. PARROT

MJ. E-19. CM Bifid. Agriculture. Opening plaintext provided by PARROT “In China there is” WHO IS

MJ. E-20. Trifid. Dangerous not to care. Extended crib by MSCREP “people who want to feel” RIG. R. MORTIS

MJ. E-22. Gromark. What does it mean. Crib extension compliments of MSCREP: “find small potatoes” G-MAN
Crib location can be located at consecutive ciphertext letters containing same digit key numbers for plaintext “ll.”

MJ. E-23. Bifid. A vicar by day. Crib extension “ride from the jaws of hell” at position 90. WORD WIZARD

MJ. E-24. Quagmire III. Solution: Go swimming. PARROT nudge. Period 6, crib placed at position 70. ICECAP

MJ. E-25. Tri-Square. Richard III. PARROT ext. crib “the low names of commoners at position 58.” SCORPIUS

MJ. C-3. Sudoku. (One word) Solution in middle block. L. TWIN

MJ. C-Sp-2. Duodecimal Equations. (No word, 1-0) D, O, P = 1, 2, 3. N = 0. APEX DX

MJ. AC-1163. ??? Richard II Message. Tip from MSCREP: Nicodemus, Period 18, begins “The” SCORPIUS

MJ. AC-1166. Grandpre with blanks. A way with words. Mentoring below provided by PARROT. APEX DX
Blanks represent word divisions. Two digits represent each plaintext letter. Seven letter crib (talking) fits in only one place. Additional crib “Spanish.”

JA. A-24. Calm down. K3. (94) Crib “Xaniac.” OZ

JA. P-12. A minute on the lips.... K3 (90/19) (QCNB) NWKS = with. TSIOLKOVSKY

JA. X-7. ??? K2. Strange door. Language not present in other Xeno Aristocrats. Crib “une.” PARROT

JA. X-8. Esperanto Patristocrat. K2. Bird with voices. (enervante) Crib at pos. 69. Begins “Amo el” URKULU

JA. X-9. Esperanto Route Transposition. (vintraj) 8 rows, 9 col. Upper left corner diagonal in, row out. THE RAT

JA. E-1. Complete Columnar Transposition. Old saying. Begins with most common three letter trigraph. REGIR

JA. E-3. Homophonic. Traditions. (hold) Begins with most common three letter trigraph. REAL NEO

JA. E-5. Beaufort. Richard III. Expanded crib “to use to” Period Six. SCORPIUS

JA. E-6. Fractionated Morse. Eureka! (tachyon) Crib placed at position 52, second line. L. TWIN

JA. E-9. Amsco. Texas oil comes from.....? (anthropomorphic) Period Eight, begins “You” BECASSE

JA. E-11. Morbit. If they don’t want them..... (has) Crib placed at position 72. CAGEY KIWI

JA. E-13. Gronsfeld. Frequently used Bletchley Park tool? Period 8, begins with common 3 letter trigraph. CRUX

JA. E-15. Vigenere. Pragmatism. (cannot) Period Seven, begins “Mon.....” STRONGLIKEBULL

JA. E-19. Tridigital. Parental Picasso. (with) Crib at pos. 56. Begins with common three letter trigraph. LIONEL

JA. C-10 & C-12. Sudoku. Sudoku non-lovers need only anagram one word solutions. DOPEFISH, ALCIBIADES

JA. C-Sp-1. Fibonacci sequence. (Two words, 0-1) EN = 65. FOMALHUT

JA. AC-1167. Patristocrat. Unkeyed. There’s that common three letter trigraph beginning again. ALCIBIADES

Sunny Cipherring, LIONEL