



Young Tyros Newsletter

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Where did you find this copy of *Cryptodyct*?

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.

LETTER POSITIONS – Most popular letter positions in a word – **a**, first or next to last; **e**, second or next to last or last; **i**, third from end; **o**, second; **u**, first or next to the last; **y**, last.

PATTERN WORDS – Words that have re-occurring letters. We refer to the pattern word of “there” with the re-occurring letter “e” as having a pattern of 1-2-3-4-3, which means that the third and fifth letters are the same. Pattern letters are very helpful in uncovering CIPHERTEXT. Some of the most popular are – “that”, “there”, “good”, “poor”, “see”, “little”, “people”. Pattern word lists are available which define pattern words by word length and sequence. Seek pattern word lists that contain the most frequently used words. Pattern word lists containing all of the words in the dictionary can be difficult to wade through and separate the wheat from the chaff. Norma Gleason’s *Cryptograms and Spygrams* (Dover Publishing 1981) has an excellent chapter of the 1000 most commonly used English pattern words. It also contains a list of the 1000 most commonly used non-pattern words.

Free Solving Aids

Cryptodyct – Eldridge & Goddard – 1976 – 270 pages of pattern words up to 14 letters in length. Out of print. Only one copy available. **First request gets to own it.**

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

Universal PhoeBee Circular Cipher Slide – by PHOENIX & HONEYBEE

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

American Magic – Levin

Bi-literal Cypher of Francis Bacon – Gallup

Codes and Ciphers – Wrixon

Hitler’s Spies – Kahn

Invitation to Cryptograms – Williams

Kahn on Codes - Kahn

Reader of Gentlemen’s Mail - Kahn

Secret Codes & Ciphers – Kohn

Seizing the Enigma - Kahn

The Bible Code I & II – Drosnan

The Story of Magic – Rowlett

Unbreakable Code - Bertman

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

A-1, the (3), A-2, the (2), A-3, to (3), A-4, you (2), A-5, the (2), A-6, we (3), A-7, the (2), A-8, a, A-9, you (3)
A-10, that, A-11, the (2), A-12, the (2), A-13, to (3), A-14, ing (2), A-15, to (4), A-16, and (2), A-17, the (2),
A-18, E=t, A-19, but, A-20, in (4), A-21, into, A-22, the (2), A-23, that, A-24, that, the, A-25, types.

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

P-1, the (2), P-2, the (2), P-3, the (3), P-4, th (6), P-5, you (2), P-6, that (2), P-7, the (2), P-8, that, the,
P-9, KNYZM=right, P-10, the (2), P-11, the (3), P-12, you (2), P-Sp-1, lesson, P-Sp-2, FGRTC=about.

JA. A-25. Rough arrival. K4 (97) Word early in plaintext similar to JA C-10 Sudoku solution. **PETROUSHKA**
JA. P-Sp-1. The good life. K3. (105/18) (MCR) “S” alliteration. **CONFUOCO**
JA. X-3. Dutch. K1 Beginner better? (Eng key) (vijand) K1 alphabet helps crib placement. Begins “Te” **BARK**
JA. X-8. French Patristocrat. K2. Surpassing. (l’egaler) Crib placed at position 49. Begins “il” **URKULU**
JA. X-12. German Foursquare. Hawaii. Crib starts at digraph 36. Plaintext begins “Weil aus der” **CONFUOCO**
JA. X-Sp-1. German Numbered Key. MSCREP: Crib placed at position 34. Plaintext begins “Cassius” **BION**
JA. E-9. Ragbaby. We all look alike. (surface) Crib placement at ciphertext WFFHUAM. **SMWS**
JA. E-13. Quagmire II. Money matters. MSCREP: Extended crib “recurring civilizations as a” at pos. 61. **ZER-O**
JA. E-14. Fractionated Morse. Sci-fi inspiration. Droid, Artoo, Detoo all part of plaintext. **CILLBIPHER**
JA. E-21. Monome-Dinome. Hold that thought. (my mind) Side digits 1 and 6. Solve as Pat. **EL CONDOR**
JA. E-23. Foursquare. Posthumous honor. **CRUX**
 MSCREP: Extended crib “correctly predicted its next return” start placed at second letter of digraph 30.
JA. E-24. Tridigital. In style. MSCREP: Extended cribs “looks stylish”, 4 = space. **MARSHEN**
JA. E-25. Two-Square. And representing... MSCREP: Crib starts at digraph 19. Plaintext begins “Members” **OZ**
JA. C-10. Sudoku. (One word) Solution in fifth column. **DOPEFISH**
JA. C-11. Base 9 Square Root. (Two words, 8-0) First word, six letter breakfast fruit. **HANNAH II**
JA. C-Sp-1. Duodecimal Multiplication. (No word, O-B) A = 0 **ARIES**
JA. AC-1199. Sequence Transposition. Planning ahead. (81) Same as AC-1139 I JA 2016 Cm. **FUNERALLY**
JA, AC-1200. Numbered Key. Profound thoughts. PARROT: Churchill quote begins “To” **MANDRAKE**
JA. AC-1201. ??? I believe it. MSCREP: Cadenus with misspelled first word “Evidentially” **BOZOL**
JA. AC-1202. Quagmire IV. Remote region. MSCREP: Period 9. Crib placed at pos. 37. Begins “Deep in” **BION**
SO. A-17. Geometry. K1. K1 alphabet alert. Plain alphabet contains the key. Familiar trigraph start. **SWEET PEA**
SO. P-Sp-2. Best Seller. (UVION) Google proper noun, CIXIN start. **THE RAT**
SO.X-4. Dutch Aristocrat. Which way? (niet) (p, q = uv) Plaintext begins “Naast.” **BARK**
 Beware of K1 keyword alphabet. Plaintext alphabet contains the key. CIPHERTEXT alphabet is normal.
SO. X-7. ??? The Standard. (English key) PARROT: Second word “poema”. **PARROT**
SO. X-8. Norwegian Patristocrat. K2. Child rearing. Extended crib placed at pos. 55, “ogsnakkeogden” **G-MAN**
SO. X-10. German Incomplete Columnar. No Calculators. Period Nine, begins “Die” **THE RAT**
SO. E-1. Null. Enjoy yourself. In absence of a crib, practice vertical listing rule. **FAT CAT**
SO. E-2. Cadenus. Oscar’s bad habit. (cigarette) Period Four. **OOBOO**
 Post ciphertext horizontally. Look for a column with consecutive “CRE” letters and find the crib placement with columns producing sequential IE, GT and AT letters.
SO. E-4. Ragbaby. Temporal aberration. (always) Crib, second pt word. Hyphenated word, one word. **APEX DX**
SO. E-5. Pollux. Worried. (QBYH) Crib placed at position 65, plaintext begins “I am”. **MANDRAKE**
SO. E-6. Morbit. Sadly, almost always correct. (against) Crib leads off plaintext. **MSCREP**
SO. E-7. Foursquare. Same plaintext as E-2. Post E-2 plaintext to ciphertext digraphs. **APPLE JACK**
 Keyword blocks constructed vertically.
SO. E-10. Railfence. Time to go. Railfence four with no offsets. **LIFER**
SO. E-11. Incomplete Columnar. UFO’s. (space) Period Nine. **RAMIUS**
SO. E-13. Vigenere. Tick-tock. (Period Seven) Crib – “people” **BRASSPOUNDER**
SO. E-15. Redefence. Ever an important question. Seven rails, six offsets. **EL CONDOR**
SO. E-20. Key Phrase. Ancient wisdom. (elephant) Crib posting leads to Google “Pe---an Proverb.” **WABBIT**
SO. C-4. Additions. (Two words, 1-0) Determine why N must equal one and K must equal zero. **OZ**
SO. C-11. Duodecimal Multiplication. (Three words, 1-0) 2, 3 and 7 letter words begin with O, T, C. **THE DOC**
SO. C-13. Duodecimal Square Root. (Two words, 1-0) First word 9 letters, begins with C, ends with N. **ARIES**
 Sunny Cipheryng, **LIONEL**