



SO. E-10. That's not how I learned to solve a Railfence.

RISHU - Richly Innovative Solving Help Utility

MJ 2021 E-23. Trifid. Avian condos? (Ends: birdhouse) RIG R. MORTIS

LIONEL

Knowledge continues to abound as pencil and paper solving investigation leads us into discovering insight into the world around us. This time, the title, Avian Condos and crib (birdhouse) leads us to a Google expensive bird house in Lincoln, California and the Thunder Valley Casino Cliff Swallow construction, a bird house look-a-like pagoda, built to protect casino buildings from swallow bird infestation and provide an elegant, expensive home for the barn swallows. Google goes on to provide us much plaintext for this Trifid construction as we follow its narrative.

RISHU – See page three for Baconian crib dragging placement process.

Junior Young Tyros Newsletter

In addition to this Senior Young Tyros Newsletters, we have an additional Newsletter published bimonthly for school students. If you would like a family or friend youngster to receive one, please send us their name and E-Mail address.

The Tyro Tutorial

Available at our ACA web site under Resources. It describes the solution process to some thirty different cipher types and includes a Railfence Template, Polyomino Congruent Squares by APEX DX, a comprehensive listing of Null Variables by BION, Foursquare Cipher digraph frequencies by RISHU, and the use of Google as a solving tool.

Universal Phoebe Circular Cipher Slide by PHOENIX and HONEYBEE – Free

Useful for Beaufort, Gronsfeld, Porta, Portax and Vigenere type cipher solving.

The Code Book by Simon Singh on CD-ROM – Free

An interactive version with animations, encryption tools, video clips, mathematics and a virtual Enigma machine.

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

Baconian Cipher – Gallup

Codes & Ciphers – Gardner

Fun with Secret Writing - Lamb

Invitation to Cryptograms–Williams

Mysterious Messages – Blackwood

Pioneers in Cryptology - NSA

Practical Cryptanalysis – B. NATURAL

Problem Solving – R. Masterton

Secret Writing - Lysing

Shakespeare Equals Bacon? – Peck

Substitution Ciphers – S-TUCK

Challenging Cryptograms -

Payne

ZANAC's Gimme a Break – SO Aristocrats (may be digraphs / trigraphs)

A-1, that, A-2, else, A-3, the (2), A-4, an (3), A-5, the (3), A-6, ing (2), A-7, ing (2), A-8, on (3), A-9, is (2) A-10, the (3), A-11, the (3), A-12, ing (2), A-13, that, A-14, ing (3), A-15, e (8), A-16, and, A-17, which, A-18, ing (3), A-19, that, A-20, that, A-21, that, A-22, that, A-23, ing (2), A-24, have (2), A-25, Q alliteration.

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

P-1, ing (2), P-2, the (3), P-3, his (3), P-4, the (3), P-5, the (2), P-6, that (2), P-7, man (4), P-8, the (2), P-9, the (2), P-10, that (3), P-11, the (3), P-12, the (3), P-Sp-1, Alliteration, S, P-Sp-2, YXVF = only.

JA. JA-1. Ornamental. Hard work. Parrot: Baconian. **BION**
JA. A-25. Tiny victory. K2. (88) Plaintext begins “Clever” **SHMOO**
JA. P-12. English class. K3. (UVION) Plaintext begins “Teacher” **ICECAP**
JA. X-3. Dutch. K-1. Pandemie. (jaar) Begins “Na een” **CODECHAMBER**
JA. X-8. German Patristocrat. K-1. Achievements. (-er wuensche) Plaintext begins “Einer) **THE DOC**
JA. X-11. German Incomplete Columnar. Gefährlich aufzugeben. (gehoert) Period 9. Begins “Haben) **LIONEL**
JA. X-12. Spanish Bazerries. No conformistas. (no se conforma a) Pt. begins “Loco” Key begins 3. **MANDRAKE**
JA. E-10. Foursquare. Go big in life. (QCNB ZLUHEHYMM UHX) PARROT: Pt. begins “Life is too” **SHMOO**
JA. E-14. Ragbaby. Wealthy and wise? (GILHCHA) PARROT: Plaintext begins “My night owl” **XAMAN EK**
JA E-17. Gromark. Not a bowl of cherries. (mystery) **TSIOLKOVSKY**
 PARROT: Ext. crib “a mystery not to be lived”
JA. E-18. Bifid. Unimpeachable logic. MSCREP extended crib: “asked why he was doing that” **WORD WIZARD**
JA. E-21. Phillips. Wit of Harry S. Truman. (apoliticianote) Plaintext begins “When I was young” **LIONEL**
JA. E-23 Trifid. Lost in translation? PARROT: Plaintext begins “This morning I saw” **RIG R. MORTIS**
JA. E-26. Two-square. Travelers. MSCREP crib extension: “has sent five objects into interstellar” **BION**
JA. C-2. Square Root. (No word, 0-9) T = 0, B = 1, O = 9. **ARIES**
JA. C-11. Addition. (No word, 0-9) A = 0, D = 1, F = 9. **ALCIBIADES**
JA. C- Sp-1. Addition. (No word, 0-9) U = 0, Y = 1, H = 9. **ALCIBIADES**
JA. AC-1291. Keyphrase. Prior credit. Plaintext begins “A founding” **EL CONDOR**
JA. AC-1294. Quagmire IV. Father of hardboiled private eye fiction. **BION**
 MSCREP crib extension: “home that was the end of his criminal research” should lead you to Private Eye.
SO. A-25. Q-Power. K3. Plaintext begins “Quick” **LIONEL**
SO. P-12. Jealously. K3. (YHPS) Additional crib “dullards” **OZ**
SO. X-7. ??? Paddle your own canoe. K2. Plaintext begins “Non” **LIONEL**
SO. X-9. French Complete Columnar. No rulers. (autres) Plaintext begins “Tout” **BION**
SO. E-1. Amsco. Tasty for some. (eaten) Period Four. Plaintext begins “In” **ZSA**
SO. E-2. Incomplete Columnar. Sales pitch for achievement. (NCPGMBGQQCTCL) Period 7. **EDNASANDE**
SO. E-3. Vigenere. What’s small and lives in the ground? (MIGYJYIJFY) Period Eight. **FAT CAT**
SO. E-4. Nihilist Transposition. Double entendre. (VINRZM) Vertical posting of CT in 10 x 10 matrix. **HEFF**
SO. E-5. Complete Columnar. What are the chances? (UFCPY) Period 12. Begins “Next” **DONALD**
DUCK
SO. E-6. Nicodemus. Popular biscuit. (very popular) MSCREP: Period 7. Popular Australian biscuit. **SHMOO**
SO. E-8. Gronsfeld. Management. Period Seven. Begins with common three letter trigraph. **OBOO**
SO. E-9. Fractionated Morse. By the road, ’59 & ’60. Extended crib (those miles per hour) **LIONEL**
SO. E-10. Railfence. Biscuit physics. Five rails. No offsets. (fig-2) **TSOJ**
 PARROT: Ciphertext in diagonally, plaintext out horizontally
SO. E-11. Ragbaby. Limerick. (wrapped) NYOIKOZ = wrapped. Begins “A young” **THE RAT**
SO. E-14. Monome-Dinome. Charles Arthur. Extended crib: “story I will tell” **H2O**
SO. E-18. Quagmire II. In your cups. (it comes to wine) PARROT: Period 6. Begins “When” **TSIOLKOVSKY**
SO. E-21. Quagmire III. Ultimate time piece. (which is equivalent to measuring the) **THE DOC**
 PARROT: Begins “Physicists”
SO C-2. Square Root. (No word, 0-9) L = 0, R = 1, C = 9. **ARIES**
SO. C-6. Sudoku. (Two words *) Bottom left hand block of three. First word Japanese poetry. **DABASAP**
SO. C-11. Division. (Two words, 9-0) G = 9, N = 6, O = 2) **LI’L GAMIN**

See page three for Baconian crib dragging placement process.

BACONIAN CRIB PLACEMENT CONFLICT PROCESS

JA 2002 Cm. E-7. Baconian. Enduring benefit. (but) APEX DX

QUOTA SLANT GAVEL ICING GROAT TWINS KNOLL KNAVE
 COMET GNOME EIDER CREAM YEAST JOKER ZONED VOCAL
ANKLE DOUBT CLOCK POWER TOTAL ERROR NIZAM NIGHT
 YAWNS SPICE OGIVE NOISY XENON FEWER.

The ciphertext is examined in three word segments to see what letters will permit the placement of the Baconian letters for the crib word “but.”

ZONED VOCAL ANKLE – These are the only ciphertext letters not generating a conflict with the Baconian letters for the crib “but.” This signals the correct ciphertext placement for the crib. See the worksheet below.

QUOTA SLANT GAVEL will not permit the placement of ciphertext “but” because the “T” in QUOTA would be a Baconian letter “b” while the “T” in SLANT would be a Baconian letter “a.”

The crib is dragged through the ciphertext until no conflict appears.

*Ciphertext TWINS KNOLL KNAVE seems to present no conflict between its letters but such a placement would result in ciphertext SLANT being represented by Baconian letters bbaab. There are no “bb” beginnings in the Baconian alphabet.

Ciphertext ZONED VOCAL ANKLE reflects no ciphertext letters in conflict with Baconian equivalents representation – Both “O’s” = a, “N’s” = a, “E’s” = a, “A’s” = b and “L’s” =b. This is an indication of the possible placement of the crib.

CRIB PLACEMENT CONFLICT PROCESS

a a a a b	b a a b b	b a a b a	Conflict
<u>b</u>	<u>u</u>	<u>t</u>	
Q U O T A	S L A N T	G A V E L	T
S L A N T	G A V E L	I C I N G	L
G A V E L	I C I N G	G R O A T	G
I C I N G	G R O A T	T W I N S	N
G R O A T	T W I N S	K N O L L	N
T W I N S	K N O L L	K N A V E	SLANT*
K N O L L	K N A V E	C O M E T	K
K N A V E	C O M E T	G N O M E	E
C O M E T	G N O M E	E I D E R	M
G N O M E	E I D E R	C R E A M	E
E I D E R	C R E A M	Y E A S T	R
C R E A M	Y E A S T	J O K E R	E
Y E A S T	J O K E R	Z O N E D	E
J O K E R	Z O N E D	V O C A L	E

Z O N E D
a a a a b

V O C A L
b a a b b

A N K L E
b a a b a

NONE