

ALBUQUERQUE WORDS

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Miami words are those which exhibit the letter pattern *a b c a b*, *reverberate* being one such. Let us now meet their southwestern cousins. An Albuquerque word is one in which two identical triads appear that are separated by at least one letter. For example, the formal name for a thirty-second note in music, DEMISEMIQUAVER, is an Albuquerque word due to the appearance of the underlined triad *EMI* in two locations. We obtain the *residue* of such a word by removing the twice-repeated triad and closing any gaps that may subsequently result. Accordingly, *ALBUR* and *DSQUAVER* are the residues of *ALBUQUERQUE* and *DEMISEMIQUAVER*, respectively.

In Column A, we present twenty five residues of Albuquerque words. Column B contains thirty twice-repeated triads, where the inclusion of five impostors serves to heighten the challenge. Given that no twice-repeated triad is associated with more than one residue, how many Albuquerque words can you successfully reconstruct?

COLUMN A

- (a) ACADA
- (b) ANEMIM
- (c) BLJ
- (d) CARELN
- (e) DEFINS
- (f) DT
- (g) ERGRO
- (h) EST
- (i) GRST
- (j) HLT
- (k) INPRE
- (l) IZAT
- (m) LGTE
- (n) LOSOZE
- (o) MEN
- (p) MT
- (q) NLLA
- (r) PH
- (s) RONALIZON
- (t) SEVEH
- (u) SRUS
- (v) SS
- (w) TI
- (x) TO
- (y) UL

COLUMN B

- (1) ACK (16) ING
- (2) AIN (17) INS
- (3) AMA (18) ION
- (4) AND (19) ODI
- (5) ATI (20) OTS
- (6) BRA (21) OUS
- (7) CHI (22) OWN
- (8) CIE (23) PHI
- (9) COU (24) PHO
- (10) EAR (25) RES
- (11) ENT (26) STA
- (12) ESS (27) TER
- (13) EST (28) TIS
- (14) IGH (29) TOR
- (15) ILI (30) UND