

# 'PALINDROME' TRANS-3-DELETIONS REVISITED

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In the August 1989 Word Ways I posed the question

Three letters can be deleted from PALINDROME to leave 120 different groups.  
How many of these 120 can be rearranged to form genuine words or terms?

In the November 1989 Word Ways, Tom Pulliam provided examples for 62 of the arrangements, taken from Webster's Second and Third Editions.

I have recently revisited this problem and have managed to find genuine words and terms for another 20 rearrangements. In addition to Webster's Second and Third editions, I have also searched Chambers, Official Scrabble Words (International Edition) and the Oxford English Dictionary. However, several of my improvements are from Webster's Second and Third, missed by Tom Pulliam during his search.

I combine Tom's original list with my additions; unlabeled words are in Webster's Third.

ADE	AMN leporid, leproid
ADI	AMO
ADL promine osw	AMP dolerin oed, lidrone oed
ADM proline	AMR
ADN implore	ANO rimpled
ADO	ANP moldier
ADP morinel	ANR implode
ADR	AOP
AEI	AOR
AEL	APR old-mine, molined oed
AEM	DEI lampron oed
AEN mildorp w2	DEL rampion
AEO	DEM lap-iron oed, pornial oed
AEP lindorm	DEN
AER	DEO
AIL dropmen w2	DEP marlion oed
AIM poldern w2	DER lampion
AIN premold w2, meldrop w2	DIL manrope
AIO	DIM paleron w2, preloan w2
AIP	DIN pleroma, leproma, polearm w2
AIR	DIO lampern
ALM ponerid w2, poinder w2, proined w2	DIP moneral, almoner, nemoral
ALN impedor	DIR poleman
ALO	DLM apeiron, open-air, pea-iron Chambers
ALP minored	DLN meropia, emporia
ALR imponed	DLO Permian permian w2

DLP Romaine  
 DLR  
 DMN peloria, rape-oil  
 DMO plainer, praline, pearl  
 DMP aileron, alienor, alerion  
 DMR opaline  
 DNO impearl, palmier, lempira  
 DNP Romelia w2  
 DNR pelioma w2  
 DOP ramline, mineral, marline, manlier  
 DOR impanel, maniple  
 DPR melanoi w2, Mineola Chambers  
 EIL dropman w2  
 EIM Porland, paldron oed  
 EIN  
 EIO  
 EIP  
 EIR  
 ELM poniard, padroni, poinard w2  
 ELN  
 ELO  
 ELP morinda  
 ELR  
 EMN dipolar, polarid w2  
 EMO  
 EMP ordinal, nailrod, rodinal w2  
 EMR load-pin oed, palinod oed  
 ENO  
 ENP  
 ENR diploma  
 EOP mandril  
 EOR  
 EPR mondial, lamnoid, doliman w2  
 ILM operand, aproned, padrone w@

ILN  
 ILO predman w2  
 ILP madrone, mandore w2, maroned w2  
 ILR dopeman  
 IMN leopard, paroled  
 IMO  
 IMP endoral, ladrone, Leonard w2  
 IMR deplano  
 INO  
 INP earldom, moraled  
 INR  
 IOP mandrel  
 IOR pladmen oed  
 IPR lodeman w2, madelon w2  
 LMN  
 LMO pardine, epinard, rapined w2  
 LMP aneroid, arenoid w2  
 LMR pionade oed  
 LNO pier dam, dampier osw  
 LNP  
 LNR empodia  
 LOP Amerind, adermin, dimeran w2  
 LOR  
 LPR amidone, dominae, on a dime  
 MNO pedrail, predial, lip-read  
 MNP dariole, ardelio w2  
 MNR Oedipal  
 MOP lindra  
 MOR plained, plaiden  
 MPR adinole, idoneal w2, anoiled w2  
 NOP dimerla w2  
 NOR impaled, implead  
 NPR melodia, molidae  
 OPR idleman, medinal oed

This brings the total number of arrangements to 82 out of 120, without even having begun to search further sources such as Funk & Wagnalls, the Times Index-Gazetteer, and so on. I think this goes to demonstrate that questions posed in the pages of Word Ways can always be researched further and previous answers improved on.

Can anyone add to the 26 (out of a possible 45) trans-2-deletions of PALINDROME presented in my original article? The missing 19 combinations are AE AI AL AO AP AR EI EM EO EP ER IN IO IR LN LO MO NO NR. I am also missing trans-1-deletions for A and E, and would appreciate improvements of the coinages for N (REDIPLOMA) and O (PRIME LAND).