

puH Mu (11)
Haydn Combined String Quartet and Symphony Minuet Data
What 3 DL Ws are Possible?

Given three lengths distributed over ABCD, one length used twice, the remaining two lengths used once, the possible (total of 36) patterns are:

1123	1132	1213	1312	1231	1321
2113	3112	2131	3121	2311	3211
2213	2231	2123	2321	2132	2312
1223	3221	1232	3212	1322	3122
3312	3321	3132	3231	3123	3213
1332	2331	1323	2313	1233	2133

I.

RULE: B always greater than A:

1123	1132	1213	1312	1231 ^o	1321
2113	3112	2131	3121	2311	3211
2213 ^v	2231	2123	2321	2132	2312
1223 ^o	3221	1232 ^o	3212	1322	3122
3312	3321	3132	3231	3123	3213 ^v
1332 ^o	2331	1323	2313	1233 ^o	2133

(2 Violations; 5 Omissions)

II.

RULE: C always less than B:

1123	1132	1213	1312	1231	1321
2113	3112	2131	3121	2311	3211 ^o
2213	2231	2123	2321	2132	2312
1223	3221	1232	3212 ^o	1322	3122
3312 ^o	3321 ^o	3132	3231	3123	3213
1332	2331	1323	2313	1233	2133

(4 Omissions)

III.

RULE: D always greater than A:

1123 ^o	1132 ^o	1213	1312	1231	1321 ^v
2113 ^o	3112	2131	3121	2311 ^v	3211
2213	2231	2123 ^o	2321 ^v	2132	2312 ^v
1223 ^o	3221	1232 ^o	3212	1322	3122
3312	3321	3132	3231	3123	3213 ^v
1332 ^o	2331	1323	2313	1233 ^o	2133 ^o

(5 Violations; 9 Omissions)

IV.

RULE: C always greater than A:

1123 ^o	1132 ^o	1213 ^v	1312 ^v	1231 ^o	1321
2113	3112	2131 ^o	3121	2311 ^v	3211
2213 ^v	2231 ^o	2123	2321 ^v	2132 ^o	2312 ^v
1223 ^o	3221	1232 ^o	3212	1322	3122
3312	3321	3132	3231	3123	3213 ^v
1332 ^o	2331 ^o	1323	2313 ^v	1233 ^o	2133 ^o

(8 Violations; 12 Omissions)

V.

RULE: D always less than B:

1123	1132	1213 ^v	1312	1231 ^o	1321
2113	3112	2131	3121	2311	3211 ^o
2213 ^v	2231 ^o	2123	2321	2132	2312
1223	3221	1232	3212	1322	3122
3312 ^o	3321 ^o	3132	3231 ^o	3123	3213 ^v
1332 ^o	2331 ^o	1323 ^v	2313 ^v	1233	2133

(5 Violations; 9 Omissions)

VI.

RULE: D always greater than C:

1123 ^o	1132	1213	1312	1231	1321 ^v
2113 ^o	3112 ^o	2131	3121	2311 ^v	3211
2213	2231	2123 ^o	2321 ^v	2132	2312
1223 ^o	3221	1232	3212 ^o	1322 ^v	3122
3312 ^o	3321	3132	3231	3123 ^o	3213
1332	2331	1323	2313	1233	2133

(4 Violations; 8 Omissions)

Black four digit numbers accord with the specific rule.
 Grey four digit numbers do NOT accord with the rule.

"Violations": H uses a "W" NOT in accord with the specific rule.
 "Omissions": H omits a "W" that IS in accord with the rule.