

Die symmetrische Gruppe S4

o	ABCD	ABDC	ACBD	ACDB	ADBC	ADCB	BACD	BADC	BCAD	BCDA	BDAC	BDCA	CBAD	CBDA	CABD	CADB	CDBA	CDAB	DBCA	DBAC	DCBA	DCAB	DABC	DACB
ABCD	ABCD	ABDC	ACBD	ACDB	ADBC	ADCB	BACD	BADC	BCAD	BCDA	BDAC	BDCA	CBAD	CBDA	CABD	CADB	CDBA	CDAB	DBCA	DBAC	DCBA	DCAB	DABC	DACB
ABDC	ABDC	ABCD	ACDB	ACBD	ADCB	ADBC	BADC	BACD	BCDA	BCAD	BDCA	BDAC	CBDA	CBAD	CADB	CABD	CDAB	CDBA	DBAC	DBCA	DCAB	DCBA	DACB	DABC
ACBD	ACBD	ADBC	ABCD	ADCB	ABDC	ADCB	BCAD	BDAC	BACD	BDCA	BADC	BCDA	CABD	CDBA	CBAD	CDAB	CBDA	CADB	DCBA	DABC	DBCA	DACB	DBAC	DCAB
ACDB	ACDB	ADCB	ABDC	ADBC	ABCD	ACBD	BCDA	BDCA	BADC	BDAC	BACD	BCAD	CADB	CDAB	CBDA	CDBA	CBAD	CABD	DCAB	DACB	DBAC	DABC	DBCA	DCBA
ADBC	ADBC	ACBD	ADCB	ABCD	ACDB	ADBC	BDAC	BCAD	BDCA	BACD	BCDA	BADC	CDBA	CABD	CDAB	CBAD	CADB	CBDA	DABC	DCBA	DACB	DBCA	DCAB	DBAC
ADCB	ADCB	ACDB	ADBC	ABDC	ACBD	ABCD	BDCA	BCDA	BDAC	BADC	BCAD	BACD	CDAB	CADB	CDBA	CBDA	CABD	CBAD	DACB	DCAB	DABC	DBAC	DCBA	DBCA
BACD	BACD	BADC	CABD	CADB	DABC	DACB	ABCD	ABDC	CBAD	CBDA	DBAC	DBCA	BCAD	BCDA	ACBD	ACDB	DCBA	DCAB	BDCA	BDAC	CDBA	CDAB	ADBC	ADCB
BADC	BADC	BACD	CADB	CABD	DACB	DABC	ABDC	ABCD	CBDA	CBAD	DBCA	DBAC	BCDA	BCAD	ACDB	ACBD	DCAB	DCBA	BDAC	BDCA	CDAB	CDBA	ADCB	ADBC
BCAD	BCAD	BDAC	CBAD	CDAB	DBAC	DCAB	ACBD	ADBC	CABD	CDBA	DABC	DCBA	BACD	BDCA	ABCD	ADCB	DBCA	DACB	BCDA	BADC	CBDA	CADB	ABDC	ACDB
BCDA	BCDA	BDCA	CBDA	CDBA	DBCA	DCBA	ACDB	ADCB	CADB	CDAB	DACB	DCAB	BADC	BDAC	ABDC	ADBC	DBAC	DABC	BCAD	BACD	CBAD	CABD	ABCD	ACBD
BDAC	BDAC	BCAD	CDAB	CBAD	DCAB	DBAC	ADBC	ACBD	CDBA	CABD	DCBA	DABC	BDCA	BACD	ADCB	ABCD	DACB	DBCA	BADC	BCDA	CADB	CBDA	ACDB	ABDC
BDCA	BDCA	BCDA	CDBA	CBDA	DCBA	DBCA	ADCB	ACDB	CDAB	CADB	DCAB	DACB	BDAC	BADC	ADBC	ABDC	DABC	DBAC	BACD	BCAD	CABD	CBAD	ACBD	ABCD
CBAD	CBAD	DBAC	BCAD	DCAB	BDAC	CDAB	CABD	DABC	ACBD	DCBA	ADBC	CDBA	ABCD	DBCA	BACD	DACB	BDCA	ADCB	CBDA	ABDC	BCDA	ACDB	BADC	CADB
CBDA	CBDA	DBCA	BCDA	DCBA	BDCA	CDBA	CADB	DACB	ACDB	DCAB	ADCB	CDAB	ABDC	DBAC	BADC	DABC	BDAC	ADBC	CBAD	ABCD	BCAD	ACBD	BACD	CABD
CABD	CABD	DABC	BACD	DACB	BADC	CADB	CBAD	DBAC	ABCD	DBCA	ABDC	CBDA	ACBD	DCBA	BCAD	DCAB	BCDA	ACDB	CDBA	ADBC	BDCA	ADCB	BDAC	CDAB
CADB	CADB	DACB	BADC	DABC	BACD	CABD	CBDA	DBCA	ABDC	DBAC	ABCD	CBAD	ACDB	DCAB	BCDA	DCBA	BCAD	ACBD	CDAB	ADCB	BDAC	ADBC	BDCA	CDBA
CDBA	CDBA	DCBA	BDCA	DBCA	BCDA	CBDA	CDAB	DCAB	ADCB	DACB	ACDB	CADB	ADBC	DABC	BDAC	DBAC	BADC	ABDC	CABD	ACBD	BACD	ABCD	BCAD	CBAD
CDAB	CDAB	DCAB	BDAC	DBAC	BCAD	CBAD	CDBA	DCBA	ADBC	DABC	ACBD	CABD	ADCB	DACB	BDCA	DBCA	BACD	ABCD	CADB	ACDB	BADC	ABDC	BCDA	CBDA
DBCA	DBCA	CBDA	DCBA	BCDA	CDBA	BDCA	DACB	CADB	DCAB	ACDB	CDAB	ADCB	DBAC	ABDC	DABC	BADC	ADBC	BDAC	ABCD	CBAD	ACBD	BCAD	CABD	BACD
DBAC	DBAC	CBAD	DCAB	BCAD	CDAB	BDAC	DABC	CABD	DCBA	ACBD	CDBA	ADBC	DBCA	ABCD	DACB	BACD	ADCB	BDCA	ABDC	CBDA	ACDB	BCDA	CADB	BADC
DCBA	DCBA	CDBA	DBCA	BDCA	CBDA	BCDA	DCAB	CDAB	DACB	ADCB	CADB	ACDB	DABC	ADBC	DBAC	BDAC	ABDC	BADC	ACBD	CABD	ABCD	BACD	CBAD	BCAD
DCAB	DCAB	CDAB	DBAC	BDAC	CBAD	BCAD	DCBA	CDBA	DABC	ADBC	CABD	ACBD	DACB	ADCB	DBCA	BDCA	ABCD	BACD	ACDB	CADB	ABDC	BADC	CBDA	BCDA
DABC	DABC	CABD	DACB	BACD	CADB	BADC	DBAC	CBAD	DBCA	ABCD	CBDA	ABDC	DCBA	ACBD	DCAB	BCAD	ACDB	BCDA	ADBC	CDBA	ADCB	BDCA	CDAB	BDAC
DACB	DACB	CADB	DABC	BADC	CABD	BACD	DBCA	CBDA	DBAC	ABDC	CBAD	ABCD	DCAB	ACDB	DCBA	BCDA	ACBD	BCAD	ADCB	CDAB	ADBC	BDAC	CDBA	BDCA