



$$X_3 = BCEF' + AC'EF + A'BC'DE' + A'BCE'F \\ + AB'D'EF + AC'D'E'F + ACDEF'$$

$$X_2 = A'B'F + A'B'C + CE'F' + AC'F' + B'D'E'F + C'DEF' \\ + B'CD'F' + CDEF + A'BC'D' + AC'DE'$$

$$X_1 = AC'F' + AE'F' + BD'E'F' + BCE'F' + AB'D'F' \\ + BC'DEF' + AB'CD'E + ABC'DE + ABCDEF$$

$$X_0 = BCE'F' + A'B'DF' + ACDE' + B'D'EF' + A'C'DE' \\ + BCD'F + A'B'C'F' + AC'EF' + A'B'CF + AB'D'E'F \\ + AB'C'DF$$

$$Y_3 = AC'DF' + A'B'C'DF + B'C'DE'F + ABC'EF \\ + A'B'C'D'E'F + A'B'C'D'E'F'$$

$$Y_2 = A'BDE' + BC'DF' + B'DEF + AB'DF' + A'B'CDE \\ + A'C'DE'F + A'BC'DF' + A'BC'DF + ABD'E'F + AB'C'DF'$$

$$Y_1 = ABE'F + CDE'F + AB'CF' + A'B'D'E + ABC'D'F' + A'BC'D'F \\ + A'BC'D'F' + A'B'CD'F + A'C'DEF' + AB'CD'E + A'B'C'D'E'F'$$

$$Y_0 = BDF + B'C'D'E + B'C'E'F' + C'D'E'F' + A'C'D'E' + A'B'D'E \\ + AB'CF' + ABCD + A'C'DE'F + A'B'C'E'F' + A'CDEF$$

$$+ ABC'D'E'$$

Groups

(36,38,52,54)	$A\bar{C}D\bar{F}$
(5,7)	$\bar{A}\bar{B}\bar{C}D\bar{F}$
(5,37)	$\bar{B}\bar{C}D\bar{E}\bar{F}$
(51,55)	$A\bar{B}\bar{C}E\bar{F}$
(51,59)	$A\bar{B}\bar{D}E\bar{F}$
(2)	$\bar{A}\bar{B}\bar{C}\bar{D}\bar{E}\bar{F}$
(8)	$\bar{A}\bar{B}\bar{C}\bar{D}\bar{E}\bar{F}$

For
Y₃

$$y = AC'DF' + A'B'C'DF + B'C'DE'F + ABC'EF + ABD'EF + A'B'C'D'EF' + A'B'CD'EF'$$

Groups

(20,21,28,29)	$\overline{A}.B.D.\overline{E}$
(16,18,48,50)	$B.\overline{C}.\overline{D}.\overline{F}$
(3,11,35,43)	$\overline{B}.\overline{D}.E.F$
(32,34,40,42)	$A.\overline{B}.\overline{D}.\overline{F}$
(14,15)	$\overline{A}.\overline{B}.C.D.E$
(1,17)	$\overline{A}.\overline{C}.\overline{D}.\overline{E}.F$
(28,30)	$\overline{A}.B.C.D.\overline{F}$
(21,23)	$\overline{A}.B.C.D.F$
(49,57)	$A.B.\overline{D}.\overline{E}.F$
(4,6)	$\overline{A}.\overline{B}.\overline{C}.\overline{D}.\overline{F}$

For
Y₂

$$y = A'BDE' + BC'D'F' + B'D'EF + AB'D'F' + A'B'CDE + A'C'D'E'F + A'BCDF' + A'BC'DF + ABD'E'F + A'B'C'DF'$$

Groups

(49,53,57,61)	$A.B.\overline{E}.F$
(13,29,45,61)	$C.D.\overline{E}.F$
(40,42,44,46)	$A.\overline{B}.C.\overline{F}$
(18,19,26,27)	$\overline{A}.B.\overline{D}.E$
(48,50)	$A.B.\overline{C}.\overline{D}.\overline{F}$
(17,19)	$\overline{A}.B.\overline{C}.\overline{D}.F$
(24,26)	$\overline{A}.\overline{B}.C.\overline{D}.\overline{F}$
(9,11)	$\overline{A}.\overline{B}.C.\overline{D}.F$
(33,49)	$A.\overline{C}.\overline{D}.\overline{E}.F$
(6,22)	$A.C.\overline{D}.\overline{E}.F$
(42,43)	$A.\overline{B}.C.\overline{D}.E$
(0)	$\overline{A}.\overline{B}.\overline{C}.\overline{D}.\overline{E}.\overline{F}$

For Y_1

$$y = ABE'F + CDE'F + AB'CF' + A'BD'E + ABC'D'F' + A'BC'D'F + A'BCD'F' + A'B'CD'F + AC'D'E'F + A'C'DEF' + AB'CDE + A'B'C'D'E'F'$$

Groups

(21,23,29,31,53,55,61,63)	B.D.F
(2,3,34,35)	$\overline{B.C.D.E}$
(2,6,34,38)	$\overline{B.C.E.F}$
(2,18,34,50)	$\overline{C.D.E.F}$
(8,9,24,25)	$\overline{A.C.D.E}$
(18,19,26,27)	$\overline{A.B.D.E}$
(32,34,36,38)	$\overline{A.B.C.F}$
(60,61,62,63)	A.B.C.D
(5,21)	$\overline{A.C.D.E.F}$
(8,12)	$\overline{A.B.C.E.F}$
(15,31)	$\overline{A.C.D.E.F}$
(48,49)	$\overline{A.B.C.D.E}$

For
Y₀

$$y = BDF + B'C'D'E + B'C'EF' + C'D'EF' + A'CD'E' + A'BD'E + AB'CF' + ABCD + A'C'DE'F + A'B'CE'F' + A'CDEF + ABC'D'E'$$

Groups

(26,30,58,62)	$B.C.E.\bar{F}$
(35,39,51,55)	$A.\bar{C}.E.F$
(20,21)	$\bar{A}.\bar{B}.\bar{C}.\bar{D}.\bar{E}$
(25,29)	$\bar{A}.B.C.\bar{E}.F$
(35,43)	$A.\bar{B}.\bar{D}.E.F$
(45,61)	$A.C.D.\bar{E}.F$
(46,62)	$A.C.D.E.\bar{F}$

For
 X_3

$$y = B C E F' + A C' E F + A' B C' D E' + A' B C E' F + A B' D' E F + A C D E' F + A C D E F'$$

Groups

(1,3,5,7,9,11,13,15)	$\overline{A}\overline{B}F$
(8,9,10,11,12,13,14,15)	$\overline{A}\overline{B}C$
(8,12,24,28,40,44,56,60)	$C\overline{E}\overline{F}$
(32,34,36,38,48,50,52,54)	$A\overline{C}\overline{F}$
(1,9,33,41)	$\overline{B}\overline{D}\overline{E}F$
(6,22,38,54)	$\overline{C}D\overline{E}\overline{F}$
(8,10,40,42)	$\overline{B}C\overline{D}\overline{F}$
(15,31,47,63)	$CDE\overline{F}$
(16,17,18,19)	$\overline{A}B\overline{C}\overline{D}$
(36,37,52,53)	$A\overline{C}D\overline{E}$

For

X_2

$$y = A'B'F + A'B'C + CE'F + AC'F + B'D'E'F + C'DEF + B'CD'F + CDEF + A'BC'D' + AC'DE'$$

Groups

(32,34,36,38,48,50,52,54)	$A.\overline{C}.\overline{F}$
(32,36,40,44,48,52,56,60)	$A.\overline{E}.\overline{F}$
(16,24,48,56)	$B.\overline{D}.\overline{E}.\overline{F}$
(24,28,56,60)	$B.C.\overline{E}.\overline{F}$
(32,34,40,42)	$A.\overline{B}.\overline{D}.\overline{F}$
(22,54)	$B.\overline{C}.\overline{D}.\overline{E}.\overline{F}$
(40,41)	$A.\overline{B}.\overline{C}.\overline{D}.\overline{E}$
(52,53)	$A.B.\overline{C}.\overline{D}.\overline{E}$
(63)	$A.B.C.D.E.F$

F O 8

X₁

$$y = AC'F' + AE'F' + BD'E'F' + BCE'F' + AB'D'F' + BC'DEF' + AB'CD'E' + ABC'DE' + ABCDEF$$

Groups

(24,28,56,60)	$B.C.\overline{E.F}$
(4,6,12,14)	$\overline{A.B.D.F}$
(44,45,60,61)	$A.C.D.\overline{E}$
(2,10,34,42)	$\overline{B.D.E.F}$
(4,5,20,21)	$A.\overline{C.D.E}$
(25,27,57,59)	$B.C.\overline{D.F}$
(0,2,4,6)	$\overline{A.B.C.F}$
(34,38,50,54)	$A.\overline{C.E.F}$
(9,11,13,15)	$\overline{A.B.C.F}$
(49,57)	$A.B.\overline{D.E.F}$
(21,23)	$\overline{A.B.C.D.F}$
(37,39)	$A.\overline{B.C.D.F}$

For
Xo

$$y = BCE'F' + A'B'D'F' + ACDE' + B'D'EF' + A'C'DE' + BCD'F + A'B'C'F' + AC'EF' + A'B'CF + ABD'EF + A'BC'DF + AB'C'DF$$