- 2.  $f(A,B,C,D,E) = \Sigma m(2,3,6,10,11,13,14,15,16,18,20,22,26,27,29,31)$
- 3.  $f(A,B,C,D,E) = \Sigma m(1,5,8,10,11,13,15,17,21,26,27,29,31)$
- 1. :0:00000 .7::00010 .4:00100
  - 6,4:4
  - 01100:1
  - :9:01001
  - : 17:10001
  - . 11.:01011
  - -13:01101
  - 19:10011
  - . 7.1: 10101
    - 15::01111 73: 1011

- -0,2:2
  - 7,6:2 4,6:4
- 9,11; 7
- 9,13:4
- . 17,19;2 1721:4

  - 11,15:4 13,15:2
  - · 19,23: 4 . 21,73.7

0,2,4,6:2,4

9 11, 13, 15; Z, 4)P

469 13 15 17 19 23 21 PIG

PII

PtZ

All Pt or essential!

(12 = PO+P1+P2

- 1.  $f(A,B,C,D,E) = \sum_{i=1}^{n} (0,2,4,6,9,11,13,15,17,19,21,23)$
- 3.  $f(A,B,C,D,E) = \Sigma m(1,5,8,10,11,13,15,17,21,26,27,29,31)$

$\bigcirc$	•	SA	0	00
$\cup$	1	$() \cup$	$\cup$	

7:000 lo

.0,2: 7 0,16: 16

16:10000

3:00011 6:00116

.7,6:

16:0106

.. 7,10:8

18:16010 70:10100

11:01011

- 7,18:16 . 16,18:2

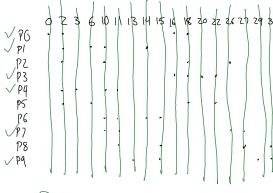
. 16,201.4

0,2,16,18:2,16 PG

7,6,10,14:4.8 7,10,18,76:16,8 16,18,20,72:4,7 23

7,3,10,11.8,1 PY 7,6,18,72:4,16 P5

16,11,14,15:8,1 PL .. 11 71 77 1/ 1 77



Fz = PO + P4 + P9 + P3 + P1 + P7

AB/CDE	000	001	011	010	110	111	101	100
00			x	x	x			
01			x	x	x	×	x	
10	x			×	x			x
11			v	v		v	v	

```
70.10

11:01011

13:01101

14:01110

72:1010

76:11010

79:1101

79:1101
```

```
3,11:8

6,14:8

6,22:16

:10,11:1

·10,14:4

·10,26:16

18,22:4

18,26:8
```

11,15,27,31 : 16,4 p8 13,15,29,31 : 2,16 pg

```
20,722:12

· 11, 15:8

· 11, 27:16

· 13, 15:2

· 13, 29:16

14,15:1

26,27:1

77,31:16

29,31:2
```

- 2.  $f(A,B,C,D,E) = \Sigma m(2,3,6,10,11,13,14,15,16,18,20,22,26,27,29,31)$
- 3.  $f(A,B,C,D,E) = \sum_{A} m(A,5,8,10,44,423,45,447,244,245,247,249,31)$

```
1:00001
8:01000
5:00101
10:01010
17:10001
11:0101
26:11010
15:01111
77:11011
29:11101
```

```
1,5:4

1,17:16

8,16:2 P5

5,18:8

5,21:16

10,76:16

17,21:4

11,27:16

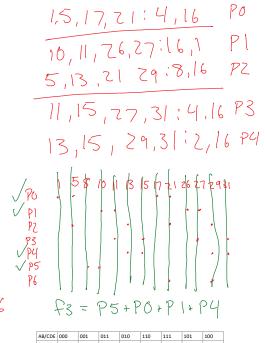
11,27:16

13,15:2

13,29:16

21,29:8 P6

26,27:1
```





31:1111

21,29,8 16 +5 - 10+10+11 101 100

76,27:1.

15,31:16.

27,31:4.

79,31:2.

AB/CDE	000	001	011	010	110	111	101	100
00		×					x	
01	x			×		x	x	
10		×					×	
11			x	×		×	x	