

```
.i 4
.o 1
.ilb a b c d
.olb y
.p 13
0000 1
0001 1
0010 1
0100 1
0101 1
0110 1
0111 1
1000 1
1001 1
1010 1
1101 1
1110 1
1111 1
.dc
.e
```

Primes

```
.olb y
.dc .e
.i 4
.o 1
.ilb a b c d
.p 9
01-- 1
-11- 1
0-0- 1
-00- 1
-1-1 1
--01 1
0--0 1
-0-0 1
--10 1
.e
```

Expand

```
.olb y
.dc .e
EXPAND: 1010 1 (covered 3)
EXPAND: 1001 1 (covered 3)
EXPAND: 1111 1 (covered 3)
EXPAND: 0100 1 (covered 0)
.i 4
.o 1
.ilb a b c d
```

```
.p 4
-0-0 1
--01 1
-11- 1
0--0 1
.e
```

ALL

```
.olb y
.dc .e
EXPAND: 1010 1 (covered 3)
EXPAND: 1001 1 (covered 3)
EXPAND: 1111 1 (covered 3)
EXPAND: 0100 1 (covered 0)
# IRRED: F=4 E=4 R=0 Rt=0 Rp=0 Rc=0 Final=4 Bound=0
REDUCE: 0--0 1 to 0100 1 0.00 sec
EXPAND: 0100 1 (covered 0)
# IRRED: F=4 E=4 R=0 Rt=0 Rp=0 Rc=0 Final=4 Bound=0
REDUCE_GASP: 0--0 1 reduced to 0100 1
REDUCE_GASP: -0-0 1 reduced to 10-0 1
REDUCE_GASP: --01 1 reduced to --01 1
REDUCE_GASP: -11- 1 reduced to -11- 1
# IRRED: F=4 E=4 R=0 Rt=0 Rp=0 Rc=0 Final=4 Bound=0
.i 4
.o 1
.ilb a b c d
.p 4
0--0 1
-0-0 1
--01 1
-11- 1
.e
```