Q1.2.1 hw.1 bench Fault List

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F25 ECE 464 Project 01
Circuit & Faults

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Choose Input File:
   (0) c1355.bench
   (1) c17.bench
   (2) c1908.bench
   (3) c2670.bench
   (4) c3540.bench
   (5) c432.bench
   (6) c499.bench
   (7) c5315.bench
   (8) c6288.bench
   (9) c7552.bench
   (10) c880.bench
   (11) hw1.bench

file #: 11
   Opening hw1.bench
```

== id ==	== name ==	== type ==	== gate ==	== nodes in ===
0	a	INPUT		
1	b	INPUT		
2	c'		NOT	c
3	w	OUTPUT	AND	a, b, c
4	e		AND	a', b, c
5	c	INPUT		
6	x	OUTPUT	OR	d, e, f
7	y	OUTPUT	OR	g, h
8	z	OUTPUT	NOT	c
9	d		AND	a, b'
10	a'		NOT	a
11	b'		NOT	b
12	f		AND	a, b, c'
13	g		AND	b', c
14	h		AND	b, c'

```
1) Full Fault List
   press enter to continue
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= # =	location	= fault ==
2	a	a-SA0, a-SA1
6	a'	a'-SA0, a'-SA1, a'-a-SA0, a'-a-SA1
8	b	b-SA0, b-SA1
12	b'	b'-SA0, b'-SA1, b'-b-SA0, b'-b-SA1
14	c	c-SA0, c-SA1
18	c'	c'-SA0, c'-SA1, c'-c-SA0, c'-c-SA1
24	d	d-SA0, d-SA1, d-a-SA0, d-b'-SA0, d-a-SA1, d-b'-SA1
32	e	e-SA0, e-SA1, e-a'-SA0, e-b-SA0, e-c-SA0, e-a'-SA1, e-b-SA1, e-c-SA1
40	f	f-SA0, f-SA1, f-a-SA0, f-b-SA0, f-c'-SA0, f-a-SA1, f-b-SA1, f-c'-SA1
46	g	g-SA0, g-SA1, g-b'-SA0, g-c-SA0, g-b'-SA1, g-c-SA1
52	h	h-SA0, h-SA1, h-b-SA0, h-c'-SA0, h-b-SA1, h-c'-SA1
60	w	w-SA0, w-SA1, w-a-SA0, w-b-SA0, w-c-SA0, w-a-SA1, w-b-SA1, w-c-SA1
68	x	x-SA0, x-SA1, x-d-SA0, x-e-SA0, x-f-SA0, x-d-SA1, x-e-SA1, x-f-SA1
74	y	y-SA0, y-SA1, y-g-SA0, y-h-SA0, y-g-SA1, y-h-SA1
78	z	z-SA0, z-SA1, z-c-SA0, z-c-SA1

78 faults total