Original Minisat

timelimit: 220s	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	51692	2413793	0.5	343644773	520493997	4459593636	3241	8111.736904		
battleship-05-08-unsat.cnf	40	105	0	8150	9281	93196	5	0.048003	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	54	171	0	38775	45893	524592	5	0.276017	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	84	301	0	15887149	19118387	214643892	5	219.814	INDETERMINATE	U
battleship-07-13-sat.cnf	91	322	0	254	414	3750	5	0	SATISFIABLE	S
battleship-08-15-sat.cnf	120	484	0	115	277	1799	5	0	SATISFIABLE	S
battleship-09-17-sat.cnf	153	693	0	613	1395	9720	5	0	SATISFIABLE	S
battleship-10-10-unsat.cnf	100	550	0	166668	199396	3463569	5	2.21614	UNSATISFIABLE	U
battleship-10-17-sat.cnf	170	865	0	240477	368958	4436583	5	5.03231	SATISFIABLE	S
battleship-10-18-sat.cnf	180	910	0	202	622	3491	5	0	SATISFIABLE	S
battleship-10-19-sat.cnf	190	955	0	244	648	3914	5	0	SATISFIABLE	S
battleship-12-12-unsat.cnf	144	936	0	8926008	11149708	217601791	6	217.578	INDETERMINATE	U
battleship-12-23-sat.cnf	276	1662	0	406	1252	7740	5	0.004	SATISFIABLE	S
battleship-14-14-unsat.cnf	196	1470	0	6233581	7884365	196215205	10	213.305	INDETERMINATE	U
battleship-14-26-sat.cnf	364	2562	0	2728269	5310495	63272295	23	211.473	INDETERMINATE	S
battleship-14-27-sat.cnf	378	2653	0	453926	1054828	10841543	13	27.0937	SATISFIABLE	S
battleship-15-15-unsat.cnf	225	1800	0	5847761	7690955	174581990	14	216.41	INDETERMINATE	U
battleship-15-29-sat.cnf	435	3270	0	3171643	7235680	77583779	31	214.625	INDETERMINATE	S
battleship-16-16-unsat.cnf	256	2176	0	5406344	7707724	155738410	18	216.474	INDETERMINATE	U
battleship-16-31-sat.cnf	496	3976	0	2232899	4957526	48771810	42	214.913	INDETERMINATE	S
battleship-24-57-sat.cnf	1368	16308	0.01	350649	1706712	10179138	187	39.6185	SATISFIABLE	S
chnl10_11.cnf	220	1122	0	7205879	8639514	95626152	7	217.426	INDETERMINATE	U
chnl10_12.cnf	240	1344	0	5078372	6050506	75992394	7	163.098	UNSATISFIABLE	U
chnl10_13.cnf	260	1586	0	5008152	6006811	82625001	8	174.743	UNSATISFIABLE	U
chnl11_12.cnf	264	1476	0	5785152	7078674	78272119	12	217.126	INDETERMINATE	U
chnl11_13.cnf	286	1742	0	5166615	6321697	77331999	11	216.038	INDETERMINATE	U
chnl11_20.cnf	440	4220	0	2782252	3397979	69567064	19	217.782	INDETERMINATE	U
fpga10_11_uns_rcr.cnf	220	1122	0	4993195	5985130	67227297	6	135.676	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	240	1344	0	6408953	7715403	89684534	8	217.55	INDETERMINATE	U
fpga10_13_uns_rcr.cnf	260	1586	0	5817121	7054822	86928298	10	217.546	INDETERMINATE	U
fpga10_15_uns_rcr.cnf	300	2130	0	4694628	5761507	84309761	11	217.894	INDETERMINATE	U
fpga10_20_uns_rcr.cnf	400	3840	0	3129186	3888603	76381859	22	217.994	INDETERMINATE	U
fpga10_8_sat.cnf	120	448	0	201	405	3056	5	0	SATISFIABLE	S
fpga10_9_sat.cnf	135	549	0	202	408	3364	5	0	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	264	1476	0	5862874	7212732	79392253	9	217.526	INDETERMINATE	U
fpga11_13_uns_rcr.cnf	286	1742	0	5121189	6386904	75900814	11	216.306	INDETERMINATE	U

fpga11_14_uns_rcr.cnf	308	2030	0	4548102	5708307	72685582	13	**217.542** INDETERMINATE	U
fpga11_15_uns_rcr.cnf	330	2340	0	4110963	5187948	70996721	14	**217.718** INDETERMINATE	U
fpga11_20_uns_rcr.cnf	440	4220	0	2714363	3473899	67722153	24	**217.962** INDETERMINATE	U
fpga12_11_sat.cnf	198	968	0	200	467	3659	5	**0** SATISFIABLE	S
fpga12_12_sat.cnf	216	1128	0	208	482	4056	5	**0** SATISFIABLE	S
fpga12_8_sat.cnf	144	560	0	130	296	2264	5	**0** SATISFIABLE	S
fpga12_9_sat.cnf	162	684	0	201	451	3573	5	**0** SATISFIABLE	S
fpga13_10_sat.cnf	195	905	0	100	278	2223	5	**0** SATISFIABLE	S
fpga13_12_sat.cnf	234	1242	0	101	316	2840	5	**0** SATISFIABLE	S
fpga13_9_sat.cnf	176	759	0	129	330	2569	5	**0** SATISFIABLE	S
hole005.cnf	30	81	0	328	413	3823	5	**0** UNSATISFIABLE	U
hole006.cnf	42	133	0	1898	2357	26559	5	**0.004** UNSATISFIABLE	U
hole007.cnf	56	204	0	10483	13097	156631	5	**0.068004** UNSATISFIABLE	U
hole008.cnf	72	297	0	41409	51046	515114	5	**0.33202** UNSATISFIABLE	U
hole009.cnf	90	415	0	296264	363799	4040794	5	**3.37621** UNSATISFIABLE	U
hole010.cnf	110	561	0	10369462	12507767	140645683	5	**209.161** UNSATISFIABLE	U
hole020.cnf	420	4221	0	1269550	2335729	20513265	36	**217.822** INDETERMINATE	U
hole030.cnf	930	13981	0	1083338	2475543	19350397	114	**217.274** INDETERMINATE	U
hole040.cnf	1640	32841	0.01	1368066	3999024	32384232	219	**216.762** INDETERMINATE	U
hole050.cnf	2550	63801	0.02	1047923	4063651	26202474	464	**216.762** INDETERMINATE	U
hole100.cnf	10100	505101	0.1			memory overflow		INDETERMINATE	U
hole150.cnf	22650	1698901	0.36	381592	10598960	30964446	1637	**199.44** INDETERMINATE	U
Urq3_5.cnf	46	470	0	35769095	53783539	220028769	5	**219.482** INDETERMINATE	U
Urq4_5.cnf	74	694	0	30467302	47169511	201493307	5	**219.478** INDETERMINATE	U
Urq5_5.cnf	121	1210	0	24096079	38742094	162654748	9	**215.949** INDETERMINATE	U
Urq6_5.cnf	180	1756	0	20434665	34058714	164114803	15	**213.837** INDETERMINATE	U
Urq7_5.cnf	240	2194	0	17770340	30101095	165540713	22	**212.969** INDETERMINATE	U
Urq8_5.cnf	327	3252	0	14099084	24908936	145029038	36	**211.665** INDETERMINATE	U
x1_40.shuffled.cnf	118	314	0	30662881	46714253	371647758	5	**219.314** INDETERMINATE	U
x1_80.shuffled.cnf	238	634	0	24352413	38286084	325631270	8	**219.234** INDETERMINATE	U

timelimit: 220s	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	172737	2887925	0.61	142990523	228100245	2415528267	917	**2434.753582**		
battleship-05-08-unsat.cnf	150	505	0	319	447	5752	5	**0**	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	183	618	0	719	1105	15784	5	**0.004**	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	334	1223	0	118879	141734	3507254	5	**2.01613**	UNSATISFIABLE	U
battleship-07-13-sat.cnf	478	1830	0	113	606	4671	5	**0**	SATISFIABLE	S
battleship-08-15-sat.cnf	655	2447	0	236	1078	7947	5	**0.004**	SATISFIABLE	S
battleship-09-17-sat.cnf	951	3708	0	1943	4203	111235	5	**0.044002**	SATISFIABLE	S
battleship-10-10-unsat.cnf	649	2631	0	3217	5017	115266	5	**0.060003**	UNSATISFIABLE	U
battleship-10-17-sat.cnf	709	2967	0	154130	211317	7764867	5	**6.15238**	SATISFIABLE	S
battleship-10-18-sat.cnf	773	3223	0	2818	6348	171868	5	**0.080005**	SATISFIABLE	S
battleship-10-19-sat.cnf	1062	4396	0	947	3293	57542	5	**0.024001**	SATISFIABLE	S
battleship-12-12-unsat.cnf	778	3412	0	95594	119304	4549889	5	**2.84818**	UNSATISFIABLE	U
battleship-12-23-sat.cnf	1352	5866	0	1062	4429	70647	5	**0.024001**	SATISFIABLE	S
battleship-14-14-unsat.cnf	1341	5838	0	2643708	3252258	157038901	20	**218.462**	INDETERMINATE	U
battleship-14-26-sat.cnf	1689	7499	0	369894	735680	31417543	22	**32.338**	SATISFIABLE	S
battleship-14-27-sat.cnf	2224	9977	0	294181	647493	33695753	25	**30.0659**	SATISFIABLE	S
battleship-15-15-unsat.cnf	1790	7932	0	2379420	3014946	183413163	30	**218.238**	INDETERMINATE	U
battleship-15-29-sat.cnf	2973	12972	0	1531760	3298827	171833817	59	**217.158**	INDETERMINATE	S
battleship-16-16-unsat.cnf	2560	11111	0	2119145	3035008	167071739	45	**218.114**	INDETERMINATE	U
battleship-16-31-sat.cnf	3950	17280	0	1140367	2400865	122018995	89	**217.838**	INDETERMINATE	S
battleship-24-57-sat.cnf	7543	39547	0.01	449329	3102966	81779875	175	**85.1813**	SATISFIABLE	S
chnl10_11.cnf	728	3037	0	42	1473	3620	5	**0**	UNSATISFIABLE	U
chnl10_12.cnf	796	3445	0	36	1682	3952	5	**0.004**	UNSATISFIABLE	U
chnl10_13.cnf	864	3873	0	35	1766	3998	5	**0**	UNSATISFIABLE	U
chnl11_12.cnf	878	3803	0	52	2017	7678	5	**0**	UNSATISFIABLE	U
chnl11_13.cnf	953	4275	0	52	2264	8206	5	**0**	UNSATISFIABLE	U
chnl11_20.cnf	1478	8195	0	44	3954	8932	5	**0**	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	933	3855	0	11273	15152	406313	5	**0.284017**	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	1150	4859	0	10384	14446	478956	5	**0.316019**	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	1124	4907	0	13079	16921	668044	5	**0.412025**	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	1328	6096	0	9492	13249	509944	6	**0.32002**	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	1936	9807	0	11730	16306	842632	6	**0.532033**	UNSATISFIABLE	U
fpga10_8_sat.cnf	376	1406	0	100	503	3337	5	**0**	SATISFIABLE	S
fpga10_9_sat.cnf	358	1372	0	61	607	2872	5	**0**	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	1154	4904	0	37774	50614	1720805	6	**1.32808**	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	1219	5336	0	43702	56623	2074116	6	**1.6041**	UNSATISFIABLE	U

File	Vars	Clauses	Col3	Col4	Col5	Col6	Col7	Time	Result	R
fpga11_14_uns_rcr.cnf	1340	6017	0	35433	48327	1705635	6	**1.38009**	UNSATISFIABLE	U
fpga11_15_uns_rcr.cnf	1533	6997	0	23290	32194	1364837	6	**1.00806**	UNSATISFIABLE	U
fpga11_20_uns_rcr.cnf	2144	10849	0	39963	54054	2930058	7	**2.27214**	UNSATISFIABLE	U
fpga12_11_sat.cnf	537	2237	0	69	474	3097	5	**0**	SATISFIABLE	S
fpga12_12_sat.cnf	696	2952	0	77	937	3990	5	**0**	SATISFIABLE	S
fpga12_8_sat.cnf	456	1736	0	96	602	2838	5	**0**	SATISFIABLE	S
fpga12_9_sat.cnf	435	1701	0	197	713	6612	5	**0**	SATISFIABLE	S
fpga13_10_sat.cnf	529	2157	0	67	591	2822	5	**0**	SATISFIABLE	S
fpga13_12_sat.cnf	640	2770	0	137	1112	5243	5	**0.004**	SATISFIABLE	S
fpga13_9_sat.cnf	475	1877	0	178	601	6654	5	**0.004**	SATISFIABLE	S
hole005.cnf	79	250	0	9	25	135	5	**0**	UNSATISFIABLE	U
hole006.cnf	113	384	0	12	48	211	5	**0**	UNSATISFIABLE	U
hole007.cnf	153	553	0	15	96	323	5	**0**	UNSATISFIABLE	U
hole008.cnf	199	760	0	15	124	476	5	**0**	UNSATISFIABLE	U
hole009.cnf	251	1008	0	23	200	646	5	**0**	UNSATISFIABLE	U
hole010.cnf	309	1300	0	24	265	899	5	**0**	UNSATISFIABLE	U
hole020.cnf	1219	7300	0	168	3380	18331	5	**0**	UNSATISFIABLE	U
hole030.cnf	2729	21000	0	334	12140	81276	6	**0.020001**	UNSATISFIABLE	U
hole040.cnf	4839	45400	0.02	528	21688	127811	7	**0.044002**	UNSATISFIABLE	U
hole050.cnf	7549	83500	0.01	885	76966	564296	9	**0.128008**	UNSATISFIABLE	U
hole100.cnf	30099	584500	0.12	3195	2180380	10209875	34	**2.36815**	UNSATISFIABLE	U
hole150.cnf	67649	1878000	0.45	6238	2757877	19388110	98	**4.42028**	UNSATISFIABLE	U
Urq3_5.cnf	46	470	0	61144	91985	453961	5	**0.240015**	UNSATISFIABLE	U
Urq4_5.cnf	74	694	0	13819131	20323094	115646665	5	**83.7012**	UNSATISFIABLE	U
Urq5_5.cnf	121	1210	0	30904938	46090007	269904748	5	**218.982**	INDETERMINATE	U
Urq6_5.cnf	180	1756	0	22361622	35318528	198693852	10	**214.485**	INDETERMINATE	U
Urq7_5.cnf	240	2194	0	20884664	33918287	202449646	13	**213.233**	INDETERMINATE	U
Urq8_5.cnf	327	3252	0	17002493	28463582	183760412	22	**212.297**	INDETERMINATE	U
x1_40.shuffled.cnf	119	315	0	1124950	1686967	18817376	5	**7.06444**	UNSATISFIABLE	U
x1_80.shuffled.cnf	238	634	0	25274991	36830500	417981519	5	**219.65**	INDETERMINATE	U

Minisat+SP(SAT) - no storing

timelimit: 220s	symmetries	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	**CPU time(s)**	Result?	SAT?
totals:	2851	51692	2413793	0.61	81361417	136014568	1245334832	1218	**2160.630721**		
battleship-05-08-unsat.cnf	8	40	105	0	1493	1790	17297	6	**0.008**	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	7	54	171	0	8137	9919	108012	6	**0.076004**	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	10	84	301	0	4872782	6064858	70385216	6	**78.9129**	UNSATISFIABLE	U
battleship-07-13-sat.cnf	12	91	322	0	135	258	1891	6	**0**	SATISFIABLE	S
battleship-08-15-sat.cnf	14	120	484	0	199	388	2856	6	**0.004**	SATISFIABLE	S
battleship-09-17-sat.cnf	15	153	693	0	597	1304	10644	6	**0.008**	SATISFIABLE	S
battleship-10-10-unsat.cnf	8	100	550	0	205050	245354	4172839	6	**3.85224**	UNSATISFIABLE	U
battleship-10-17-sat.cnf	12	170	865	0	42848	69127	841118	6	**0.97206**	SATISFIABLE	S
battleship-10-18-sat.cnf	13	180	910	0	1121	2311	21303	6	**0.020001**	SATISFIABLE	S
battleship-10-19-sat.cnf	15	190	955	0	228	688	3910	6	**0**	SATISFIABLE	S
battleship-12-12-unsat.cnf	10	144	936	0	2427993	3087992	60086618	6	**67.2962**	UNSATISFIABLE	U
battleship-12-23-sat.cnf	18	276	1662	0	268	884	5697	6	**0.004**	SATISFIABLE	S
battleship-14-14-unsat.cnf	8	196	1470	0	5674069	7158313	177605151	11	**217.186**	INDETERMINATE	U
battleship-14-26-sat.cnf	17	364	2562	0	1007933	1859563	24090570	20	**92.2378**	SATISFIABLE	S
battleship-14-27-sat.cnf	19	378	2653	0	810	3422	20338	6	**0.028001**	SATISFIABLE	S
battleship-15-15-unsat.cnf	10	225	1800	0	4901298	6513088	143934929	14	**217.058**	INDETERMINATE	U
battleship-15-29-sat.cnf	22	435	3270	0	2202847	4643448	55853946	42	**214.521**	INDETERMINATE	S
battleship-16-16-unsat.cnf	17	256	2176	0	4375681	6472787	129585230	17	**217.058**	INDETERMINATE	U
battleship-16-31-sat.cnf	25	496	3976	0	2214882	4916775	51173117	47	**213.437**	INDETERMINATE	S
battleship-24-57-sat.cnf	41	1368	16308	0.01	177378	1024143	5638089	214	**20.7933**	SATISFIABLE	S
chnl10_11.cnf	39	220	1122	0	10	46	220	6	**0**	UNSATISFIABLE	U
chnl10_12.cnf	41	240	1344	0	10	46	238	6	**0**	UNSATISFIABLE	U
chnl10_13.cnf	43	260	1586	0	10	46	256	6	**0**	UNSATISFIABLE	U
chnl11_12.cnf	43	264	1476	0	11	56	264	6	**0**	UNSATISFIABLE	U
chnl11_13.cnf	45	286	1742	0	11	56	284	6	**0**	UNSATISFIABLE	U
chnl11_20.cnf	59	440	4220	0	11	56	424	6	**0**	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	38	220	1122	0	43360	68346	751777	6	**0.952059**	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	41	240	1344	0	44888	72995	843829	6	**1.24408**	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	42	260	1586	0	74693	121881	1573122	6	**2.31214**	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	46	300	2130	0	21531	38715	561507	6	**0.732045**	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	57	400	3840	0	44277	79946	1520565	7	**2.28814**	UNSATISFIABLE	U
fpga10_8_sat.cnf	22	120	448	0	112	272	1857	6	**0**	SATISFIABLE	S
fpga10_9_sat.cnf	23	135	549	0	191	395	3451	6	**0**	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	42	264	1476	0	227657	369691	4042475	6	**7.09244**	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	44	286	1742	0	100068	164962	1940521	6	**3.2162**	UNSATISFIABLE	U

fpga11_14_uns_rcr.cnf	46	308	2030	0	210115	353336	4395364	6	8.32052	UNSATISFIABLE	U
fpga11_15_uns_rcr.cnf	49	330	2340	0	97968	169283	2251587	6	3.95625	UNSATISFIABLE	U
fpga11_20_uns_rcr.cnf	59	440	4220	0	172367	320862	5800109	10	11.3327	UNSATISFIABLE	U
fpga12_11_sat.cnf	29	198	968	0	110	334	2961	6	0	SATISFIABLE	S
fpga12_12_sat.cnf	32	216	1128	0	206	550	4455	6	0.004	SATISFIABLE	S
fpga12_8_sat.cnf	24	144	560	0	201	436	3376	6	0	SATISFIABLE	S
fpga12_9_sat.cnf	25	162	684	0	203	466	3835	6	0	SATISFIABLE	S
fpga13_10_sat.cnf	28	195	905	0	201	539	4024	6	0	SATISFIABLE	S
fpga13_12_sat.cnf	32	234	1242	0	115	387	2869	6	0	SATISFIABLE	S
fpga13_9_sat.cnf	26	176	759	0	202	541	3838	6	0	SATISFIABLE	S
hole005.cnf	9	30	81	0	6	11	73	6	0	UNSATISFIABLE	U
hole006.cnf	11	42	133	0	7	16	101	6	0	UNSATISFIABLE	U
hole007.cnf	13	56	204	0	8	22	133	6	0	UNSATISFIABLE	U
hole008.cnf	15	72	297	0	9	29	169	6	0	UNSATISFIABLE	U
hole009.cnf	17	90	415	0	10	37	209	6	0	UNSATISFIABLE	U
hole010.cnf	19	110	561	0	11	46	253	6	0	UNSATISFIABLE	U
hole020.cnf	39	420	4221	0	21	191	913	6	0.004	UNSATISFIABLE	U
hole030.cnf	59	930	13981	0	31	436	1973	7	0.004	UNSATISFIABLE	U
hole040.cnf	79	1640	32841	0	41	781	3433	9	0.012	UNSATISFIABLE	U
hole050.cnf	99	2550	63801	0.02	51	1226	5293	11	0.036002	UNSATISFIABLE	U
hole100.cnf	199	10100	505101	0.14	101	4951	20593	94	0.376023	UNSATISFIABLE	U
hole150.cnf	299	22650	1698901	0.44	151	11176	45893	358	1.5681	UNSATISFIABLE	U
Urq3_5.cnf	29	46	470	0	3592	6572	20182	6	0.020001	UNSATISFIABLE	U
Urq4_5.cnf	43	74	694	0	15086	27809	97577	6	0.100006	UNSATISFIABLE	U
Urq5_5.cnf	72	121	1210	0	2426577	4455744	16693768	6	23.4735	UNSATISFIABLE	U
Urq6_5.cnf	109	180	1756	0	16465109	28686306	128808412	15	214.297	INDETERMINATE	U
Urq7_5.cnf	143	240	2194	0	13730102	23889919	127134928	21	214.349	INDETERMINATE	U
Urq8_5.cnf	200	327	3252	0	10756939	19653763	107050014	33	214.417	INDETERMINATE	U
x1_40.shuffled.cnf	41	118	314	0	17837	32840	272174	6	0.152009	UNSATISFIABLE	U
x1_80.shuffled.cnf	80	238	634	0	8791451	15402038	117906762	6	106.899	UNSATISFIABLE	U

timelimit: 220s	symmetries	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	2851	51692	2413793	0.6	75980168	129107275	1175803711	1126	2204.512537		
battleship-05-08-unsat.cnf	8	40	105	0	1193	1407	13478	6	0.004	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	7	54	171	0	6382	7911	86405	6	0.056003	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	10	84	301	0	2269540	2877745	30625459	6	32.074	UNSATISFIABLE	U
battleship-07-13-sat.cnf	12	91	322	0	117	237	1566	6	0	SATISFIABLE	S
battleship-08-15-sat.cnf	14	120	484	0	140	328	2390	6	0	SATISFIABLE	S
battleship-09-17-sat.cnf	15	153	693	0	913	1773	14365	6	0.012	SATISFIABLE	S
battleship-10-10-unsat.cnf	8	100	550	0	90591	108109	1953668	6	1.6441	UNSATISFIABLE	U
battleship-10-17-sat.cnf	12	170	865	0	29701	50140	561396	6	0.604037	SATISFIABLE	S
battleship-10-18-sat.cnf	13	180	910	0	270	659	5579	6	0.004	SATISFIABLE	S
battleship-10-19-sat.cnf	15	190	955	0	239	759	4418	6	0.004	SATISFIABLE	S
battleship-12-12-unsat.cnf	10	144	936	0	1704704	2170693	43102390	6	45.4988	UNSATISFIABLE	U
battleship-12-23-sat.cnf	18	276	1662	0	1043	3049	21642	6	0.024001	SATISFIABLE	S
battleship-14-14-unsat.cnf	8	196	1470	0	5683625	7175635	176764978	10	217.114	INDETERMINATE	U
battleship-14-26-sat.cnf	17	364	2562	0	2659168	4767470	61080497	22	214.537	INDETERMINATE	S
battleship-14-27-sat.cnf	19	378	2653	0	1024583	2045793	22998159	19	73.1286	SATISFIABLE	S
battleship-15-15-unsat.cnf	10	225	1800	0	4872959	6439068	150048005	13	217.098	INDETERMINATE	U
battleship-15-29-sat.cnf	22	435	3270	0	2706266	5704285	64782571	31	213.969	INDETERMINATE	S
battleship-16-16-unsat.cnf	17	256	2176	0	4263822	6200650	125272466	16	216.938	INDETERMINATE	U
battleship-16-31-sat.cnf	25	496	3976	0	2049284	4604470	45752789	37	215.177	INDETERMINATE	S
battleship-24-57-sat.cnf	41	1368	16308	0	139099	878845	4541750	136	16.405	SATISFIABLE	S
chnl10_11.cnf	39	220	1122	0	10	46	220	6	0	UNSATISFIABLE	U
chnl10_12.cnf	41	240	1344	0	10	46	238	6	0	UNSATISFIABLE	U
chnl10_13.cnf	43	260	1586	0	10	46	256	6	0	UNSATISFIABLE	U
chnl11_12.cnf	43	264	1476	0	11	56	264	6	0	UNSATISFIABLE	U
chnl11_13.cnf	45	286	1742	0	11	56	284	6	0	UNSATISFIABLE	U
chnl11_20.cnf	59	440	4220	0	11	56	424	6	0	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	38	220	1122	0	16915	25422	271839	6	0.356022	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	41	240	1344	0	7682	12348	141399	6	0.184011	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	42	260	1586	0	11219	18079	234164	6	0.280017	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	46	300	2130	0	6301	10526	148233	6	0.188011	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	57	400	3840	0	7291	12717	267905	7	0.292018	UNSATISFIABLE	U
fpga10_8_sat.cnf	22	120	448	0	130	285	2121	6	0	SATISFIABLE	S
fpga10_9_sat.cnf	23	135	549	0	158	366	2721	6	0	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	42	264	1476	0	31235	49363	552646	6	0.80805	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	44	286	1742	0	37958	60510	732473	6	1.14407	UNSATISFIABLE	U

Minisat+SP(SAT) - storing

fpga11_14_uns_rcr.cnf	46	308	2030	0	21284	34548	449520	6	**0.64404** UNSATISFIABLE	U
fpga11_15_uns_rcr.cnf	49	330	2340	0	15606	26451	387451	6	**0.536033** UNSATISFIABLE	U
fpga11_20_uns_rcr.cnf	59	440	4220	0	32796	57198	1152352	7	**1.6681** UNSATISFIABLE	U
fpga12_11_sat.cnf	29	198	968	0	165	432	3558	6	**0** SATISFIABLE	S
fpga12_12_sat.cnf	32	216	1128	0	115	339	2764	6	**0** SATISFIABLE	S
fpga12_8_sat.cnf	24	144	560	0	101	292	1853	6	**0** SATISFIABLE	S
fpga12_9_sat.cnf	25	162	684	0	202	489	4000	6	**0.004** SATISFIABLE	S
fpga13_10_sat.cnf	28	195	905	0	209	523	4098	6	**0** SATISFIABLE	S
fpga13_12_sat.cnf	32	234	1242	0	104	306	2545	6	**0** SATISFIABLE	S
fpga13_9_sat.cnf	26	176	759	0	458	956	8018	6	**0.008** SATISFIABLE	S
hole005.cnf	9	30	81	0	6	11	62	6	**0** UNSATISFIABLE	U
hole006.cnf	11	42	133	0	7	16	87	6	**0** UNSATISFIABLE	U
hole007.cnf	13	56	204	0	8	22	116	6	**0** UNSATISFIABLE	U
hole008.cnf	15	72	297	0	9	29	149	6	**0** UNSATISFIABLE	U
hole009.cnf	17	90	415	0	10	37	186	6	**0** UNSATISFIABLE	U
hole010.cnf	19	110	561	0	11	46	227	6	**0** UNSATISFIABLE	U
hole020.cnf	39	420	4221	0	21	191	857	6	**0** UNSATISFIABLE	U
hole030.cnf	59	930	13981	0	31	436	1887	7	**0.008** UNSATISFIABLE	U
hole040.cnf	79	1640	32841	0.01	41	781	3317	9	**0.020001** UNSATISFIABLE	U
hole050.cnf	99	2550	63801	0.02	51	1226	5147	11	**0.036002** UNSATISFIABLE	U
hole100.cnf	199	10100	505101	0.13	101	4951	20297	94	**0.360022** UNSATISFIABLE	U
hole150.cnf	299	22650	1698901	0.44	151	11176	45447	358	**1.53209** UNSATISFIABLE	U
Urq3_5.cnf	29	46	470	0	3493	6124	18479	6	**0.020001** UNSATISFIABLE	U
Urq4_5.cnf	43	74	694	0	769	1200	5182	6	**0.004** UNSATISFIABLE	U
Urq5_5.cnf	72	121	1210	0	1586766	2963855	11279563	6	**15.0649** UNSATISFIABLE	U
Urq6_5.cnf	109	180	1756	0	15861631	27904291	121789309	14	**214.673** INDETERMINATE	U
Urq7_5.cnf	143	240	2194	0	13519244	23713758	120167654	20	**214.193** INDETERMINATE	U
Urq8_5.cnf	200	327	3252	0	10874872	19862565	104087790	33	**214.057** INDETERMINATE	U
x1_40.shuffled.cnf	41	118	314	0	15458	29191	233505	6	**0.132008** UNSATISFIABLE	U
x1_80.shuffled.cnf	80	238	634	0	6423857	11256887	86139133	6	**74.0086** UNSATISFIABLE	U

timelimit: 220s	symmetries	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	2851	51692	2413793	0.6	27882668	43628602	737457378	1078	1472.376223		
battleship-05-08-unsat.cnf	8	40	105	0	1193	1407	13478	6	0.008	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	7	54	171	0	6382	7911	86405	6	0.056003	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	10	84	301	0	2269540	2877745	30625459	6	31.574	UNSATISFIABLE	U
battleship-07-13-sat.cnf	12	91	322	0	117	237	1566	6	0	SATISFIABLE	S
battleship-08-15-sat.cnf	14	120	484	0	140	328	2390	6	0	SATISFIABLE	S
battleship-09-17-sat.cnf	15	153	693	0	913	1773	14365	6	0.012	SATISFIABLE	S
battleship-10-10-unsat.cnf	8	100	550	0	90591	108109	1953668	6	1.6041	UNSATISFIABLE	U
battleship-10-17-sat.cnf	12	170	865	0	29701	50140	561396	6	0.580036	SATISFIABLE	S
battleship-10-18-sat.cnf	13	180	910	0	270	659	5579	6	0.004	SATISFIABLE	S
battleship-10-19-sat.cnf	15	190	955	0	239	759	4418	6	0.004	SATISFIABLE	S
battleship-12-12-unsat.cnf	10	144	936	0	1704704	2170693	43102390	6	46.0829	UNSATISFIABLE	U
battleship-12-23-sat.cnf	18	276	1662	0	1043	3049	21642	6	0.024001	SATISFIABLE	S
battleship-14-14-unsat.cnf	8	196	1470	0	5696689	7193819	177217399	10	217.07	INDETERMINATE	U
battleship-14-26-sat.cnf	17	364	2562	0	2667784	4779594	61255343	22	214.393	INDETERMINATE	S
battleship-14-27-sat.cnf	19	378	2653	0	1024583	2045793	22998159	19	74.8967	SATISFIABLE	S
battleship-15-15-unsat.cnf	10	225	1800	0	4937202	6513496	152073701	13	217.082	INDETERMINATE	U
battleship-15-29-sat.cnf	22	435	3270	0	2679889	5653876	64156376	31	213.189	INDETERMINATE	S
battleship-16-16-unsat.cnf	17	256	2176	0	4298154	6252987	126406573	16	217.294	INDETERMINATE	U
battleship-16-31-sat.cnf	25	496	3976	0	2143256	4756183	47962976	37	214.781	INDETERMINATE	S
battleship-24-57-sat.cnf	41	1368	16308	0	139099	878845	4541750	136	15.861	SATISFIABLE	S
chnl10_11.cnf	39	220	1122	0	10	46	220	6	0	UNSATISFIABLE	U
chnl10_12.cnf	41	240	1344	0	10	46	238	6	0	UNSATISFIABLE	U
chnl10_13.cnf	43	260	1586	0	10	46	256	6	0	UNSATISFIABLE	U
chnl11_12.cnf	43	264	1476	0	11	56	264	6	0	UNSATISFIABLE	U
chnl11_13.cnf	45	286	1742	0	11	56	284	6	0	UNSATISFIABLE	U
chnl11_20.cnf	59	440	4220	0	11	56	424	6	0	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	38	220	1122	0	16915	25422	271839	6	0.344021	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	41	240	1344	0	7682	12348	141399	6	0.184011	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	42	260	1586	0	11219	18079	234164	6	0.272017	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	46	300	2130	0	6301	10526	148233	6	0.184011	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	57	400	3840	0	7291	12717	267905	7	0.284017	UNSATISFIABLE	U
fpga10_8_sat.cnf	22	120	448	0	130	285	2121	6	0	SATISFIABLE	S
fpga10_9_sat.cnf	23	135	549	0	158	366	2721	6	0	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	42	264	1476	0	31235	49363	552646	6	0.788049	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	44	286	1742	0	37958	60510	732473	6	1.11207	UNSATISFIABLE	U

fpga11_14_uns_rcr.cnf	46	308	2030	0	21284	34548	449520	6	0.628039	UNSATISFIABLE	U
fpga11_15_uns_rcr.cnf	49	330	2340	0	15606	26451	387451	6	0.516032	UNSATISFIABLE	U
fpga11_20_uns_rcr.cnf	59	440	4220	0	32796	57198	1152352	7	1.6321	UNSATISFIABLE	U
fpga12_11_sat.cnf	29	198	968	0	165	432	3558	6	0	SATISFIABLE	S
fpga12_12_sat.cnf	32	216	1128	0	115	339	2764	6	0	SATISFIABLE	S
fpga12_8_sat.cnf	24	144	560	0	101	292	1853	6	0	SATISFIABLE	S
fpga12_9_sat.cnf	25	162	684	0	202	489	4000	6	0.004	SATISFIABLE	S
fpga13_10_sat.cnf	28	195	905	0	209	523	4098	6	0	SATISFIABLE	S
fpga13_12_sat.cnf	32	234	1242	0	104	306	2545	6	0	SATISFIABLE	S
fpga13_9_sat.cnf	26	176	759	0	458	956	8018	6	0.004	SATISFIABLE	S
hole005.cnf	9	30	81	0	6	11	62	6	0	UNSATISFIABLE	U
hole006.cnf	11	42	133	0	7	16	87	6	0	UNSATISFIABLE	U
hole007.cnf	13	56	204	0	8	22	116	6	0	UNSATISFIABLE	U
hole008.cnf	15	72	297	0	9	29	149	6	0	UNSATISFIABLE	U
hole009.cnf	17	90	415	0	10	37	186	6	0	UNSATISFIABLE	U
hole010.cnf	19	110	561	0	11	46	227	6	0	UNSATISFIABLE	U
hole020.cnf	39	420	4221	0	21	191	857	6	0	UNSATISFIABLE	U
hole030.cnf	59	930	13981	0	31	436	1887	7	0.008	UNSATISFIABLE	U
hole040.cnf	79	1640	32841	0	41	781	3317	9	0.008	UNSATISFIABLE	U
hole050.cnf	99	2550	63801	0.03	51	1226	5147	11	0.040002	UNSATISFIABLE	U
hole100.cnf	199	10100	505101	0.14	101	4951	20297	94	0.384024	UNSATISFIABLE	U
hole150.cnf	299	22650	1698901	0.42	151	11176	45447	358	1.44809	UNSATISFIABLE	U
Urq3_5.cnf	29	46	470	0	31	33	104	6	0	UNSATISFIABLE	U
Urq4_5.cnf	43	74	694	0	44	43	146	6	0	UNSATISFIABLE	U
Urq5_5.cnf	72	121	1210	0	73	72	240	6	0	UNSATISFIABLE	U
Urq6_5.cnf	109	180	1756	0	116	139	499	6	0.004	UNSATISFIABLE	U
Urq7_5.cnf	143	240	2194	0.01	145	145	517	6	0.008	UNSATISFIABLE	U
Urq8_5.cnf	200	327	3252	0	202	205	694	7	0.008	UNSATISFIABLE	U
x1_40.shuffled.cnf	41	118	314	0	47	100	495	6	0	UNSATISFIABLE	U
x1_80.shuffled.cnf	80	238	634	0	82	84	525	6	0	UNSATISFIABLE	U

timelimit: 220s	symmetries	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	2851	51692	2413793	0.63	32494275	56812884	613738148	1140	**2353.285058**		
battleship-05-08-unsat.cnf	8	40	105	0	364	434	3993	6	**0.004**	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	7	54	171	0	2959	3657	39146	6	**0.036002**	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	10	84	301	0	225668	293105	3069274	6	**4.18826**	UNSATISFIABLE	U
battleship-07-13-sat.cnf	12	91	322	0	212	394	2640	6	**0.004**	SATISFIABLE	S
battleship-08-15-sat.cnf	14	120	484	0	367	645	5636	6	**0.008**	SATISFIABLE	S
battleship-09-17-sat.cnf	15	153	693	0	1318	2725	23216	6	**0.040002**	SATISFIABLE	S
battleship-10-10-unsat.cnf	8	100	550	0	21781	26618	473826	6	**0.520032**	UNSATISFIABLE	U
battleship-10-17-sat.cnf	12	170	865	0	893	1761	16745	6	**0.028001**	SATISFIABLE	S
battleship-10-18-sat.cnf	13	180	910	0	266	668	5053	6	**0.008**	SATISFIABLE	S
battleship-10-19-sat.cnf	15	190	955	0	156	462	2588	6	**0.004**	SATISFIABLE	S
battleship-12-12-unsat.cnf	10	144	936	0	9849	13850	256591	6	**0.280017**	UNSATISFIABLE	U
battleship-12-23-sat.cnf	18	276	1662	0	340	1034	6437	6	**0.012**	SATISFIABLE	S
battleship-14-14-unsat.cnf	8	196	1470	0	4352900	5554956	138702037	10	**217.794**	INDETERMINATE	U
battleship-14-26-sat.cnf	17	364	2562	0	2144742	4006182	48459796	22	**215.737**	INDETERMINATE	S
battleship-14-27-sat.cnf	19	378	2653	0	1597011	3117876	36078903	21	**179.691**	SATISFIABLE	S
battleship-15-15-unsat.cnf	10	225	1800	0	3625273	4831132	111291358	13	**217.974**	INDETERMINATE	U
battleship-15-29-sat.cnf	22	435	3270	0	1579521	3407313	37811462	29	**216.174**	INDETERMINATE	S
battleship-16-16-unsat.cnf	17	256	2176	0	1367018	2003119	38229924	12	**100.01**	UNSATISFIABLE	U
battleship-16-31-sat.cnf	25	496	3976	0	481057	1093843	10627460	25	**70.5164**	SATISFIABLE	S
battleship-24-57-sat.cnf	41	1368	16308	0.01	497709	2593361	15137094	196	**216.598**	INDETERMINATE	S
chnl10_11.cnf	39	220	1122	0	10	46	220	6	**0**	UNSATISFIABLE	U
chnl10_12.cnf	41	240	1344	0	10	46	238	6	**0**	UNSATISFIABLE	U
chnl10_13.cnf	43	260	1586	0	10	46	256	6	**0**	UNSATISFIABLE	U
chnl11_12.cnf	43	264	1476	0	11	56	264	6	**0**	UNSATISFIABLE	U
chnl11_13.cnf	45	286	1742	0	11	56	284	6	**0**	UNSATISFIABLE	U
chnl11_20.cnf	59	440	4220	0	11	56	424	6	**0**	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	38	220	1122	0	1939	3266	38530	6	**0.052003**	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	41	240	1344	0	4523	7043	96454	6	**0.176011**	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	42	260	1586	0	3636	6009	88183	6	**0.128008**	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	46	300	2130	0	5192	8570	130240	6	**0.232014**	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	57	400	3840	0	2846	4654	104906	7	**0.180011**	UNSATISFIABLE	U
fpga10_8_sat.cnf	22	120	448	0	718	1390	13054	6	**0.012**	SATISFIABLE	S
fpga10_9_sat.cnf	23	135	549	0	147	316	2820	6	**0.004**	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	42	264	1476	0	3112	5669	61139	6	**0.108006**	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	44	286	1742	0	5030	8419	109207	6	**0.216013**	UNSATISFIABLE	U

fpga11_14_uns_rcr.cnf	46	308	2030	0	10484	17147	238202	6	**0.48003** UNSATISFIABLE	U
fpga11_15_uns_rcr.cnf	49	330	2340	0	11439	18296	288459	6	**0.572035** UNSATISFIABLE	U
fpga11_20_uns_rcr.cnf	59	440	4220	0	7874	14556	282673	7	**0.548034** UNSATISFIABLE	U
fpga12_11_sat.cnf	29	198	968	0	113	341	2577	6	**0.004** SATISFIABLE	S
fpga12_12_sat.cnf	32	216	1128	0	108	324	2980	6	**0** SATISFIABLE	S
fpga12_8_sat.cnf	24	144	560	0	149	350	2502	6	**0.004** SATISFIABLE	S
fpga12_9_sat.cnf	25	162	684	0	202	425	4072	6	**0.004** SATISFIABLE	S
fpga13_10_sat.cnf	28	195	905	0	379	745	7334	6	**0.008** SATISFIABLE	S
fpga13_12_sat.cnf	32	234	1242	0	113	348	2925	6	**0.004** SATISFIABLE	S
fpga13_9_sat.cnf	26	176	759	0	203	502	3958	6	**0.004** SATISFIABLE	S
hole005.cnf	9	30	81	0	6	11	62	6	**0** UNSATISFIABLE	U
hole006.cnf	11	42	133	0	7	16	87	6	**0** UNSATISFIABLE	U
hole007.cnf	13	56	204	0	8	22	116	6	**0** UNSATISFIABLE	U
hole008.cnf	15	72	297	0	9	29	149	6	**0** UNSATISFIABLE	U
hole009.cnf	17	90	415	0	10	37	186	6	**0** UNSATISFIABLE	U
hole010.cnf	19	110	561	0	11	46	227	6	**0** UNSATISFIABLE	U
hole020.cnf	39	420	4221	0	21	191	857	6	**0** UNSATISFIABLE	U
hole030.cnf	59	930	13981	0	31	436	1887	7	**0.008** UNSATISFIABLE	U
hole040.cnf	79	1640	32841	0.01	41	781	3317	9	**0.028001** UNSATISFIABLE	U
hole050.cnf	99	2550	63801	0.02	51	1226	5147	11	**0.060003** UNSATISFIABLE	U
hole100.cnf	199	10100	505101	0.14	101	4951	20297	94	**0.784049** UNSATISFIABLE	U
hole150.cnf	299	22650	1698901	0.44	151	11176	45447	358	**4.47228** UNSATISFIABLE	U
Urq3_5.cnf	29	46	470	0	3493	6124	18479	6	**0.036002** UNSATISFIABLE	U
Urq4_5.cnf	43	74	694	0	769	1200	5182	6	**0.012** UNSATISFIABLE	U
Urq5_5.cnf	72	121	1210	0	967090	1835949	6553301	6	**29.3658** UNSATISFIABLE	U
Urq6_5.cnf	109	180	1756	0	4562295	8234809	35638014	10	**218.358** INDETERMINATE	U
Urq7_5.cnf	143	240	2194	0.01	2551471	4568624	23462607	12	**218.698** INDETERMINATE	U
Urq8_5.cnf	200	327	3252	0	1775442	3463414	17144908	15	**218.626** INDETERMINATE	U
x1_40.shuffled.cnf	41	118	314	0	37895	72321	553542	6	**0.716044** UNSATISFIABLE	U
x1_80.shuffled.cnf	80	238	634	0	6627699	11559710	88559256	6	**219.758** INDETERMINATE	U

Minisat+SP(SAT) - storing, optimization 1, optimization 2

timelimit: 220s	symmetries	variables	clauses	Parse time	conflicts	decisions	propagations	memory(MB)	CPU time(s)	Result?	SAT?
totals:	2851	51692	2413793	0.64	15927170	27013916	441204791	1116	1448.303513		
battleship-05-08-unsat.cnf	8	40	105	0	364	434	3993	6	0.004	UNSATISFIABLE	U
battleship-06-09-unsat.cnf	7	54	171	0	2959	3657	39146	6	0.036002	UNSATISFIABLE	U
battleship-07-12-unsat.cnf	10	84	301	0	225668	293105	3069274	6	4.12026	UNSATISFIABLE	U
battleship-07-13-sat.cnf	12	91	322	0	212	394	2640	6	0.004	SATISFIABLE	S
battleship-08-15-sat.cnf	14	120	484	0	367	645	5636	6	0.008	SATISFIABLE	S
battleship-09-17-sat.cnf	15	153	693	0	1318	2725	23216	6	0.040002	SATISFIABLE	S
battleship-10-10-unsat.cnf	8	100	550	0	21781	26618	473826	6	0.516032	UNSATISFIABLE	U
battleship-10-17-sat.cnf	12	170	865	0	893	1761	16745	6	0.028001	SATISFIABLE	S
battleship-10-18-sat.cnf	13	180	910	0	266	668	5053	6	0.008	SATISFIABLE	S
battleship-10-19-sat.cnf	15	190	955	0	156	462	2588	6	0.004	SATISFIABLE	S
battleship-12-12-unsat.cnf	10	144	936	0	9849	13850	256591	6	0.284017	UNSATISFIABLE	U
battleship-12-23-sat.cnf	18	276	1662	0	340	1034	6437	6	0.016001	SATISFIABLE	S
battleship-14-14-unsat.cnf	8	196	1470	0	4360625	5565746	138965789	10	217.598	INDETERMINATE	U
battleship-14-26-sat.cnf	17	364	2562	0	2098482	3947838	47499831	21	215.717	INDETERMINATE	S
battleship-14-27-sat.cnf	19	378	2653	0	1597011	3117876	36078903	21	180.519	SATISFIABLE	S
battleship-15-15-unsat.cnf	10	225	1800	0	3642748	4854570	111882457	13	217.842	INDETERMINATE	U
battleship-15-29-sat.cnf	22	435	3270	0	1563512	3385479	37440636	24	216.066	INDETERMINATE	S
battleship-16-16-unsat.cnf	17	256	2176	0	1367018	2003119	38229924	12	99.7822	UNSATISFIABLE	U
battleship-16-31-sat.cnf	25	496	3976	0	481057	1093843	10627460	25	71.2205	SATISFIABLE	S
battleship-24-57-sat.cnf	41	1368	16308	0.01	493087	2581673	15011746	196	216.294	INDETERMINATE	S
chnl10_11.cnf	39	220	1122	0	10	46	220	6	0	UNSATISFIABLE	U
chnl10_12.cnf	41	240	1344	0	10	46	238	6	0	UNSATISFIABLE	U
chnl10_13.cnf	43	260	1586	0	10	46	256	6	0	UNSATISFIABLE	U
chnl11_12.cnf	43	264	1476	0	11	56	264	6	0	UNSATISFIABLE	U
chnl11_13.cnf	45	286	1742	0	11	56	284	6	0	UNSATISFIABLE	U
chnl11_20.cnf	59	440	4220	0	11	56	424	6	0	UNSATISFIABLE	U
fpga10_11_uns_rcr.cnf	38	220	1122	0	1939	3266	38530	6	0.060003	UNSATISFIABLE	U
fpga10_12_uns_rcr.cnf	41	240	1344	0	4523	7043	96454	6	0.17201	UNSATISFIABLE	U
fpga10_13_uns_rcr.cnf	42	260	1586	0	3636	6009	88183	6	0.140008	UNSATISFIABLE	U
fpga10_15_uns_rcr.cnf	46	300	2130	0	5192	8570	130240	6	0.236014	UNSATISFIABLE	U
fpga10_20_uns_rcr.cnf	57	400	3840	0	2846	4654	104906	7	0.180011	UNSATISFIABLE	U
fpga10_8_sat.cnf	22	120	448	0	718	1390	13054	6	0.020001	SATISFIABLE	S
fpga10_9_sat.cnf	23	135	549	0	147	316	2820	6	0.004	SATISFIABLE	S
fpga11_12_uns_rcr.cnf	42	264	1476	0	3112	5669	61139	6	0.112007	UNSATISFIABLE	U
fpga11_13_uns_rcr.cnf	44	286	1742	0	5030	8419	109207	6	0.204012	UNSATISFIABLE	U

fpga11_14_uns_rcr.cnf	46	308	2030	0	10484	17147	238202	6	**0.48403**	UNSATISFIABLE U
fpga11_15_uns_rcr.cnf	49	330	2340	0	11439	18296	288459	6	**0.572035**	UNSATISFIABLE U
fpga11_20_uns_rcr.cnf	59	440	4220	0	7874	14556	282673	7	**0.544034**	UNSATISFIABLE U
fpga12_11_sat.cnf	29	198	968	0	113	341	2577	6	**0**	SATISFIABLE S
fpga12_12_sat.cnf	32	216	1128	0	108	324	2980	6	**0.004**	SATISFIABLE S
fpga12_8_sat.cnf	24	144	560	0	149	350	2502	6	**0**	SATISFIABLE S
fpga12_9_sat.cnf	25	162	684	0	202	425	4072	6	**0.004**	SATISFIABLE S
fpga13_10_sat.cnf	28	195	905	0	379	745	7334	6	**0.012**	SATISFIABLE S
fpga13_12_sat.cnf	32	234	1242	0	113	348	2925	6	**0**	SATISFIABLE S
fpga13_9_sat.cnf	26	176	759	0	203	502	3958	6	**0.004**	SATISFIABLE S
hole005.cnf	9	30	81	0	6	11	62	6	**0**	UNSATISFIABLE U
hole006.cnf	11	42	133	0	7	16	87	6	**0**	UNSATISFIABLE U
hole007.cnf	13	56	204	0	8	22	116	6	**0**	UNSATISFIABLE U
hole008.cnf	15	72	297	0	9	29	149	6	**0**	UNSATISFIABLE U
hole009.cnf	17	90	415	0	10	37	186	6	**0**	UNSATISFIABLE U
hole010.cnf	19	110	561	0	11	46	227	6	**0**	UNSATISFIABLE U
hole020.cnf	39	420	4221	0	21	191	857	6	**0.004**	UNSATISFIABLE U
hole030.cnf	59	930	13981	0	31	436	1887	7	**0.012**	UNSATISFIABLE U
hole040.cnf	79	1640	32841	0.02	41	781	3317	9	**0.040002**	UNSATISFIABLE U
hole050.cnf	99	2550	63801	0.02	51	1226	5147	11	**0.068004**	UNSATISFIABLE U
hole100.cnf	199	10100	505101	0.11	101	4951	20297	94	**0.756047**	UNSATISFIABLE U
hole150.cnf	299	22650	1698901	0.48	151	11176	45447	358	**4.53228**	UNSATISFIABLE U
Urq3_5.cnf	29	46	470	0	31	33	104	6	**0**	UNSATISFIABLE U
Urq4_5.cnf	43	74	694	0	44	43	146	6	**0**	UNSATISFIABLE U
Urq5_5.cnf	72	121	1210	0	73	72	240	6	**0.004**	UNSATISFIABLE U
Urq6_5.cnf	109	180	1756	0	116	139	499	6	**0.008**	UNSATISFIABLE U
Urq7_5.cnf	143	240	2194	0	145	145	517	6	**0.004**	UNSATISFIABLE U
Urq8_5.cnf	200	327	3252	0	202	205	694	7	**0.012**	UNSATISFIABLE U
x1_40.shuffled.cnf	41	118	314	0	47	100	495	6	**0**	UNSATISFIABLE U
x1_80.shuffled.cnf	80	238	634	0	82	84	525	6	**0.004**	UNSATISFIABLE U