File	Expected Output	Actual Output	Time taken(s)
name			(-,
test1	UNSAT	UNSAT	0.0069737
test2	1, -2, -3, 4, 5	1, -2, -3, 4, 5	0.0019741
test3	UNSAT	UNSAT	4.0435137
test4	UNSAT	UNSAT	4955.8308589
test5	UNSAT	UNSAT	10.083264
test6	1, -2, 3, -4, -5, -6, 7, -8, -9, -10, -11,	1, -2, 3, -4, -5, -6, 7, -8, -9, -10, -11,	0.0079096
	12, -13, 14, -15, -16, 17, 18, 19, 20	12, -13, 14, -15, -16, 17, 18, 19, 20	
test7	1, -2, 3, 4, -5, 6, -7, -8, -9, -10, 11, 12,	1, -2, 3, 4, -5, 6, -7, -8, -9, -10, 11, 12,	0.0866985
	13, 14, 15, -16, -17, -18, -19, 20, -21,	13, 14, 15, -16, -17, -18, -19, 20, -21,	
	-22, 23, -24, 25, -26, -27, 28, -29, -30,	-22, 23, -24, 25, -26, -27, 28, -29, -30,	
	-31, 32, -33, -34, -35, -36, 37, -38, -	-31, 32, -33, -34, -35, -36, 37, -38, -	
	39, -40, 41, -42, -43, 44, -45, -46, -47,	39, -40, 41, -42, -43, 44, -45, -46, -47,	
	48, -49, 50, -51, -52, 53, -54, -55, 56,	48, -49, 50, -51, -52, 53, -54, -55, 56,	
	-57, 58, -59, 60, 61, 62, 63, 64, 65	-57, 58, -59, 60, 61, 62, 63, 64, 65	
test8	1, 2, -3, -4, 5, 6, 7, -8, -9, -10, 11, -12,	1, 2, -3, -4, 5, 6, 7, -8, -9, -10, 11, -12,	63.2556393
	-13, 14, 15, -16, -17, -18, -19, 20, -21,	-13, 14, 15, -16, -17, -18, -19, 20, -21,	
	22, -23, -24, 25, -26, -27, 28, -29, -30,	22, -23, -24, 25, -26, -27, 28, -29, -30,	
	-31, 32, -33, -34, 35, 36, -37, 38, 39, -	-31, 32, -33, -34, 35, 36, -37, 38, 39, -	
	40, -41, 42, -43, -44, 45, 46, -47, -48,	40, -41, 42, -43, -44, 45, 46, -47, -48,	
	-49, 50, -51, -52, 53, -54, -55, 56, -57,	-49, 50, -51, -52, 53, -54, -55, 56, -57,	
	-58, -59, 60, 61, -62, 63, -64, -65, 66,	-58, -59, 60, 61, -62, 63, -64, -65, 66,	
	-67, -68, 69, -70, -71, 72, -73, -74, 75,	-67, -68, 69, -70, -71, 72, -73, -74, 75,	
	76, -77, -78, -79, 80, -81, -82, 83, -84, -85, 86, -87, -88, 89, -90, -91, -92, 93,	76, -77, -78, -79, 80, -81, -82, 83, -84, -85, 86, -87, -88, 89, -90, -91, -92, 93,	
	-94, 95, 96, 97, -98, 99, -100, 101, -	-94, 95, 96, 97, -98, 99, -100, 101, -	
	102, -103, -104, 105, 106, -107, -108,	102, -103, -104, 105, 106, -107, -108,	
	-109, 110, -111, -112, 113, -114, -	-109, 110, -111, -112, 113, -114, -	
	115, -116, 117, -118, -119, 120, -121,	115, -116, 117, -118, -119, 120, -121,	
	-122, 123, -124, -125, 126, 127, 128,	-122, 123, -124, -125, 126, 127, 128,	
	129, -130, 131, -132, -133, -134, 135,	129, -130, 131, -132, -133, -134, 135,	
	136, -137, -138, -139, 140, -141, -	136, -137, -138, -139, 140, -141, -	
	142, 143, -144, -145, 146, -147, -148,	142, 143, -144, -145, 146, -147, -148,	
	149, -150, -151, -152, 153, -154, -	149, -150, -151, -152, 153, -154, -	
	155, 156, 157, -158, 159, 160, -161, -	155, 156, 157, -158, 159, 160, -161, -	
	162, -163, 164, -165, -166, 167, 168, -	162, -163, 164, -165, -166, 167, 168,	
	169, -170, -171, 172, -173, -174, 175,	-169, -170, -171, 172, -173, -174,	
	-176, -177, 178, -179, 180, 181, -182,	175, -176, -177, 178, -179, 180, 181,	
	183, -184, -185, 186, 187, -188, -189,	-182, 183, -184, -185, 186, 187, -188,	
	-190, -191, 192, -193, -194, 195, 196,	-189, -190, -191, 192, -193, -194,	
	-197, 198, -199, -200, -201, 202, -	195, 196, -197, 198, -199, -200, -201,	
	203, -204, 205, 206, 207, 208, 209,	202, -203, -204, 205, 206, 207, 208,	
	210, 211, 212, 213, 214	209, 210, 211, 212, 213, 214	0.004====
uf20-	-1, 2, 3, 4, -5, -6, -7, 8, 9, 10, 11, -12, -	1, -2, -3, -4, -5, 6, -7, -8, 9, -10, -11, -	0.0817726
01	13, 14, 15, -16, 17, 18, 19, 20	12, -13, 14, 15, -16, 17, -18, -19, 20	

uf20-	1, -2, -3, -4, 5, -6, 7, 8, 9, -10, -11, -	1, -2, -3, -4, -5, -6, 7, 8, 9, -10, -11, -	0.016981
02	12, -13, 14, -15, 16, -17, -18, -19, -20	12, -13, 14, 15, 16, -17, -18, -19, -20	
uf20-	1, 2, 3, 4, -5, 6, 7, 8, 9, 10, 11, -12, 13,	1, 2, 3, 4, -5, 6, 7, 8, 9, 10, 11, -12,	0.1664791
03	-14, -15, 16, 17, 18, -19, 20	13, -14, -15, 16, 17, 18, -19, 20	
uf20-	1, -2, 3, 4, -5, -6, 7, -8, -9, 10, 11, -12,	1, -2, 3, 4, -5, -6, -7, -8, -9, 10, -11, -	0.0577689
04	13, -14, -15, 16, 17, -18, -19, -20	12, 13, -14, -15, 16, 17, -18, -19, -20	
uf20-	-1, -2, -3, -4, 5, -6, 7, -8, -9, 10, -11,	-1, -2, -3, -4, 5, -6, 7, -8, -9, 10, -11,	0.1405611
05	12, 13, -14, 15, -16, -17, 18, -19, 20	12, 13, -14, 15, 16, -17, 18, -19, 20	
uf20-	1, 2, -3, -4, 5, -6, -7, 8, -9, 10, 11, 12, -	1, 2, -3, -4, 5, -6, -7, 8, -9, 10, 11, 12, -	0.1873728
06	13, 14, 15, 16, 17, -18, -19, 20	13, 14, 15, 16, 17, -18, -19, 20	
uf20-	-1, -2, 3, 4, -5, -6, 7, 8, -9, 10, -11, 12,	-1, -2, 3, 4, -5, -6, 7, 8, -9, 10, -11, 12,	0.0946824
07	-13, 14, 15, -16, 17, 18, -19, 20	-13, 14, 15, -16, 17, 18, -19, 20	
uf20-	-1, -2, -3, 4, -5, -6, -7, -8, 9, -10, 11, -	-1, -2, -3, 4, -5, 6, -7, -8, 9, -10, 11, -	0.0189348
08	12, 13, -14, -15, -16, -17, -18, -19, -20	12, 13, -14, -15, -16, -17, -18, -19, -20	

The expected output is the output given by pySAT solver.

Also, there may be multiple correct satisfying outputs for a given formula so even if Actual Output is different from Expected Output, it may be correct.

For the case(s) where Actual Output and Time Taken has not been provided, the solver was taking too long (>5min).

Credits: Armin Biere (satch) for some of the test cases