Table 1: Find threshold distance (d) for any robot

testcase	\mathbf{d}	comp.time
12 ware 12 quad 57 cs = 16	5	0h 46m 10s
12 ware 12 quad 57 cs = 14	5	$0h\ 29m\ 0s$
12 ware 12 quad 57 cs = 12	5	$0h\ 16m\ 42s$
12 ware 12 quad 57 cs = 10	6	$0h\ 22m\ 33s$
12 ware 12 quad 57 cs = 8	6	0h 12m 12s
12 ware 12 quad 57 cs = 6	7	$0h\ 22m\ 27s$
12 ware 12 quad 57 cs = 4	8	$0h\ 25m\ 52s$
12 ware 12 quad 57 cs = 2	9	0h 54m 25s
12 ware 12 quad 57 cs = 1	9	1h 4m 35s
12 ware12 turt9 cs=16	5	0h 13m 23s
12 ware 12 turt 9 cs = 14	6	$0h\ 11m\ 39s$
12 ware 12 turt 9 cs = 12	6	0h 6m 50s
12 ware 12 turt 9 cs = 10	6	0h 4m 30s
12 ware 12 turt 9 cs = 8	7	$0h\ 2m\ 55s$
12 ware 12 turt 9 cs = 6	8	0h 4m 15s
12 ware 12 turt 9 cs = 4	8	$0h\ 2m\ 53s$
12 ware 12 turt 9 cs = 2	9	0h 2m 1s
12 ware 12 turt 9 cs = 1	9	0h 1m 51s