	Correct	Runtime
Exact:		
case1	yes	0.112969
case2	yes	0.1172528
case3	yes	0.1273398
case4	yes	3.697802
case5	yes	403.0377291
case6	yes	timeout (>5 minutes)
suboptimal_case	yes	0.6279171
Approximation:		
case1	yes	0.101819
case2	yes	0.090042
case3	yes	0.08792
case4	yes	0.100856
case5	yes	0.084128
case6	yes	0.088143
suboptimal_case	no	0.0924602