

## Appendix B: Drone Weak n x 1 Strategy

Testid	description	x1	x2	x3	Expected	Actual
1	$x1+x2+x3=100$	10	40	50	Success!	Success!
2	$x1+x2+x3=100$	35	45	20	Success!	Success!
3	$x1+x2+x3=100$	69	20	11	Success!	Success!
4	just outside of $x1+x2+x3 = 100$ boundary	33	34	34	Failure!	Failure!
5	$x1=0, x2 + x3 < 100$	0	20	30	Success!	Success!
6	$x1=0, x2 + x3 < 100$	0	50	20	Success!	Success!
7	$x1=0, x2 + x3 < 100$	0	21	36	Success!	Success!
8	just outside of $x1=0$ boundary	-1	25	62	ERROR: Invalid argument - negative value	ERROR: Invalid argument - negative value
9	$x2=0, x2 + x3 < 100$	32	0	16	Success!	Success!
10	$x2=0, x2 + x3 < 100$	48	0	25	Success!	Success!
11	$x2=0, x2 + x3 < 100$	42	0	14	Success!	Success!
12	just outside of $x2=0$ boundary	21	-1	42	ERROR: Invalid argument - negative value	Success!
13	$x3=0, x2 + x3 < 100$	6	69	0	Success!	Success!
14	$x3=0, x2 + x3 < 100$	72	5	0	Success!	Success!
15	$x3=0, x2 + x3 < 100$	65	12	0	Success!	Success!
16	just outside of $x3=0$ boundary	45	7	-1	ERROR: Invalid argument - negative value	ERROR: Invalid argument - negative value
17	additional test case inside the boundary	10	20	30	Success!	Success!