

Testcase (m = 10)		Runtime (ms)	
		branch-n-bound.cpp	brute-force.cpp
3 <= n < 8	Test 0	0	0
	Test 1	0	0
	Test 2	0	0
	Test 3	0	0
	Test 4	0	0
	Test 5	0	0
	Test 6	0	0
	Test 7	0	0
	Test 8	0	0
	Test 9	0	0
	<b>Average</b>	<b>0</b>	<b>0</b>
n = 8	Test 10	2	4
	Test 11	2	4
	Test 12	1	4
	Test 13	1	5
	Test 14	1	3
	Test 15	2	3
	Test 16	1	3
	Test 17	1	2
	Test 18	1	2
	Test 19	1	3
	<b>Average</b>	<b>1.3</b>	<b>3.3</b>
n = 9	<b>Test 20</b>	10	29
	Test 21	6	26
	Test 22	3	26
	Test 23	11	42
	Test 24	16	27
	Test 25	9	24
	Test 26	12	38
	Test 27	6	41
	Test 28	9	48
	Test 29	3	30
	<b>Average</b>	<b>8.5</b>	<b>33.1</b>
n = 10	Test 30	51	333
	Test 31	49	400
	Test 32	30	329
	Test 33	45	366
	Test 34	69	342
	Test 35	104	340
	Test 36	60	412
	Test 37	74	402
	Test 38	109	398
	Test 39	73	345

	<b>Average</b>	<b>66.4</b>	<b>366.7</b>
<b>n = 11</b>	Test 40	148	6291
	Test 41	815	7241
	Test 42	376	7498
	Test 43	595	7344
	Test 44	532	7460
	Test 45	989	7316
	Test 46	289	7261
	Test 47	479	7358
	Test 48	396	7306
	Test 49	825	7226
	<b>Average</b>	<b>544.4</b>	<b>7230.1</b>

n	Average runtime (ms)	
	branch-n-bound	brute-force
<b>3 ≤ n &lt; 8</b>	0	0
<b>n = 8</b>	1.3	3.3
<b>n = 9</b>	8.5	33.1
<b>n = 10</b>	66.4	366.7
<b>n = 11</b>	544.4	7230.1