Input	45	623	8954212	954201623	5123478921	54785321345	72345645122
Output	3*3*5	7*89	2*2*331*6763	954201623	3*11*11*17*761*1091	5*47*233129027	2*29*37*443*76099
Time(ms)	173	4	6	6963	4	1702	5
Baseline Output: 0	3*3*5	7*89	2*2*331*6763	954201623	3*11*11*17*761*1091	5*47*233129027	2*29*37*443*76099
Baseline Time: 0	2	2	2	2	2	2	2
Baseline Output: 1	3*3*5	7*89	2*2*331*6763	954201623	3*11*11*17*761*1091	5*47*233129027	2*29*37*443*76099
Baseline Time: 1	2	2	2	2	3	3	3