1. Minimum number of resulting LUTs is ceil(200/6) + 1 output = 35 LUTs.
2. If each 2-input gate is implemented with 1 LUT, then such can result in 200 LUTs

Therefore, the total maximum number of resulting LUTs is 200 + 1 output = 201 LUTs.

1. Minimum number of resulting LUTs is ceil(200/6) + 5 outputs = 39 LUTs.
2. If each 2-input gate is implemented with 1 LUT, then such can result in 200 LUTs

Therefore, the total maximum number of resulting LUTs is 200 + 5 outputs = 205 LUTs.