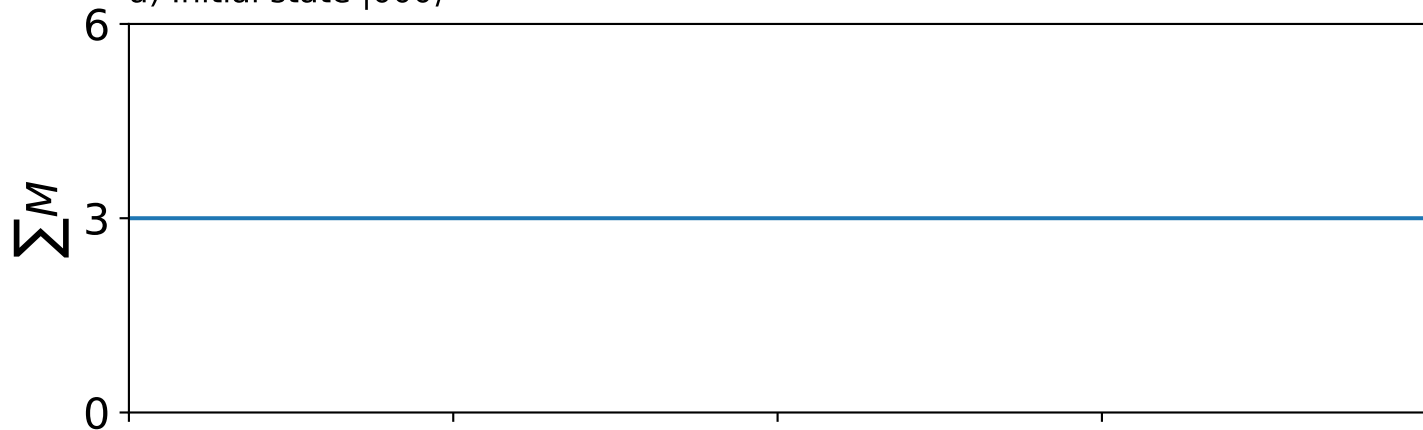


a) Initial state $|000\rangle$



b) Initial state $|111\rangle$

