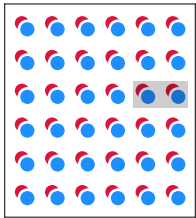
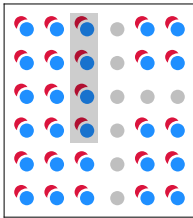
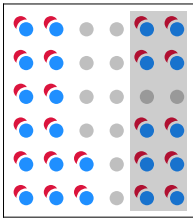
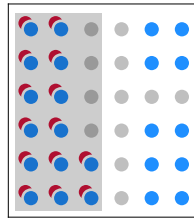


a) Unit filling

b) Spilling $|1\rangle$ and $|2\rangle$ c) Spilling $|1\rangle$ 

d) RF spin-flip

e) Spilling $|1\rangle$ 