

Observation	Resulting State	Alice tells Bob
00	$ 00\rangle \otimes (a 0\rangle + b 1\rangle)$	to do nothing
01	$ 01\rangle \otimes (a 1\rangle + b 0\rangle)$	to apply X
10	$ 10\rangle \otimes (a 0\rangle - b 1\rangle)$	to apply Z
11	$ 11\rangle \otimes (a 1\rangle - b 0\rangle)$	to apply ZX