* R(1 qbit)  
  1 qbit
  1 ebit + 2 cbits = "Teleportation"

**Strategy**

1. A & B start with $|\psi\rangle_{A_2} |\beta_{oo}\rangle_{A_2B}$ (1 ebit)
2. Alice measures $A_1$ and $A_2$ using Bell Basis (this destroys entanglement)
3. Alice sends outcome of measurement to Bob (2 cbits)
4. Bob applies a unitary to his system B based on Alice's cbits

New skill: What happens when only part of system is measured?

Recall: If both measured, effective measurement is $M_A \otimes M_B$