# Calculations:

- ROW 1: Using our new knowledge about how to write the spin states, calculate the probability that a state initially with spin up along Z will have spin up along Z after passing through a S-G devise for analyzing the spin-X state (the "Z-X-Z" system)

- ROW 2: do the same for spin up along Z ending up with spin down along Z

- ROW 3: do the same as ROW 1 except for the "Z-Y-Z" system

- (if you finish early work on another one!)