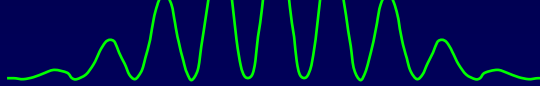# Act 1

Suppose we measure with the upper slit covered for half the time and the lower slit covered for the other half of the time. What will be the resulting pattern?

a. $|\psi_1 + \psi_2|^2$

b. $|\psi_1|^2 + |\psi_2|^2$