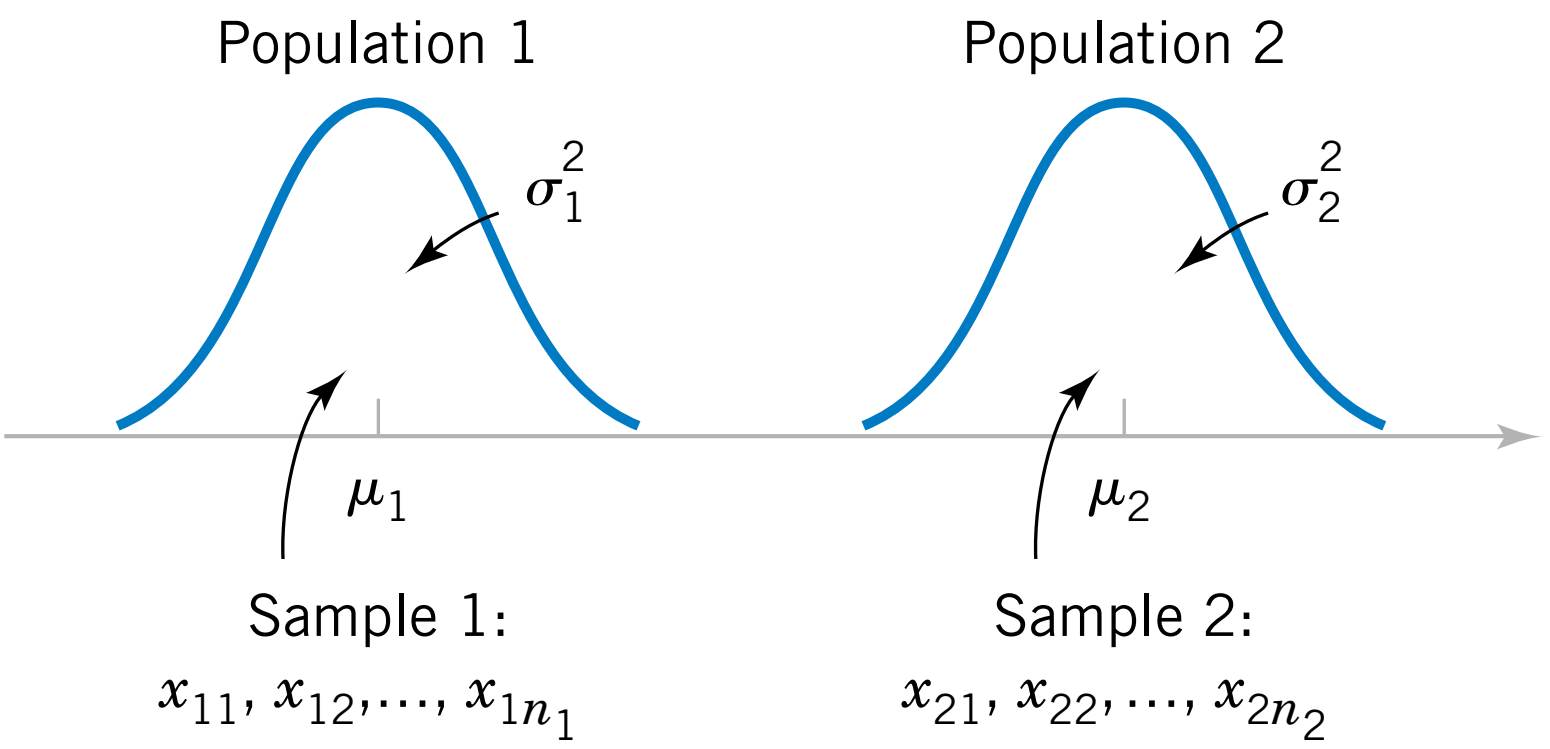
Population 1
Population 2
σ_1^2
σ_2^2
μ_1
μ_2
Sample 1:
$x_{11}, x_{12}, \ldots, x_{1n_1}$
Sample 2:
$x_{21}, x_{22}, \ldots, x_{2n_2}$