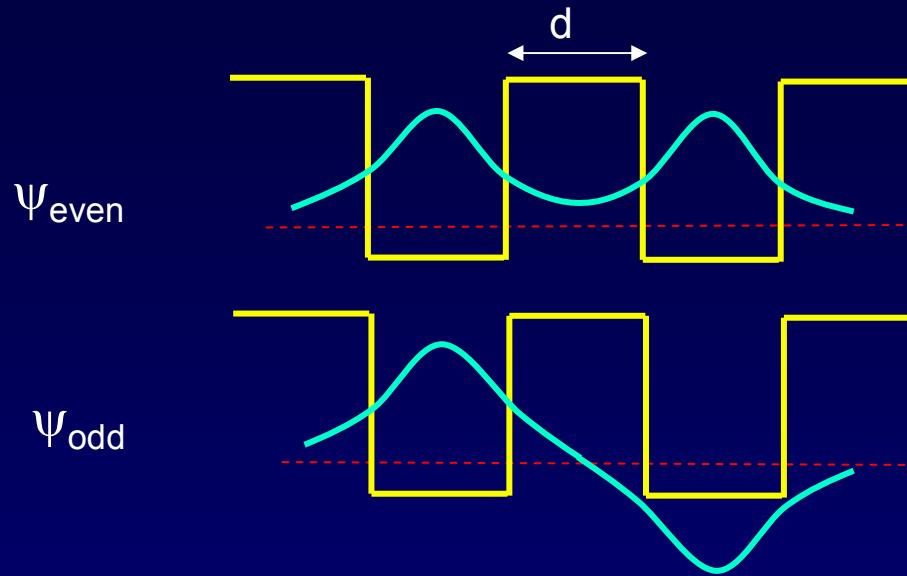# Act 3

d

ψ_{even}

ψ_{odd}

What will happen to the energy of ψ_{even} as the two wells come together (i.e., as d is reduced)? [Hint: think of the limit as d → 0]

a. E_{even} decreases.
b. E_{even} stays the same.
c. E_{even} increases.