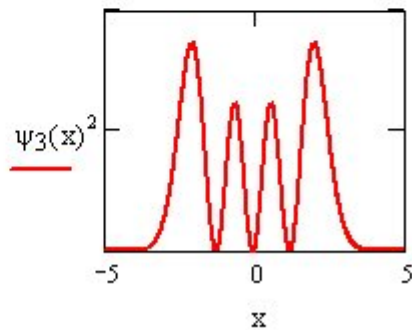
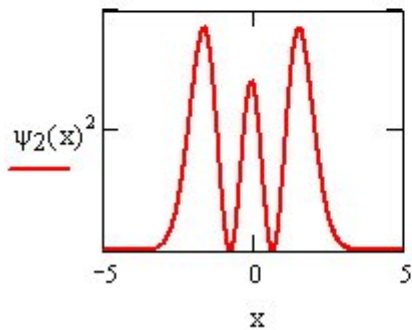
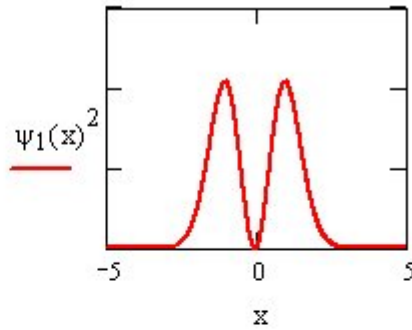
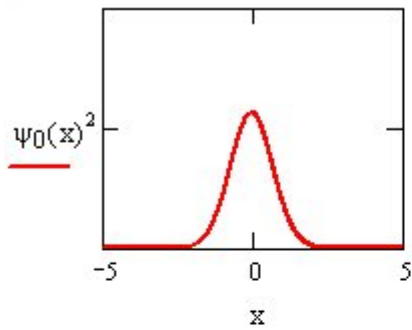


Given the harmonic oscillator probability densities below, for a particle in the $v = 1$ state when would the oscillator be found at the exact equilibrium displacement?



- a. always b. very occasionally c. quite often d. never