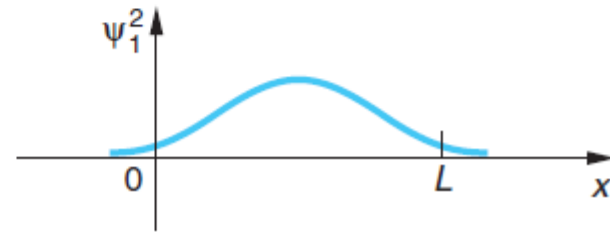
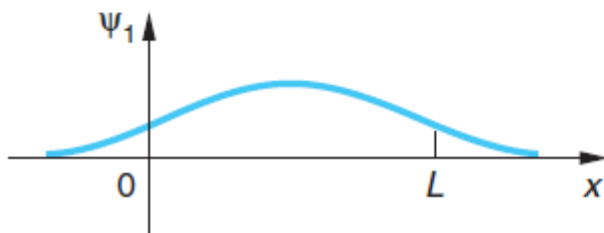
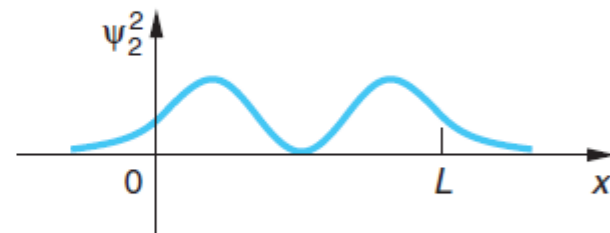
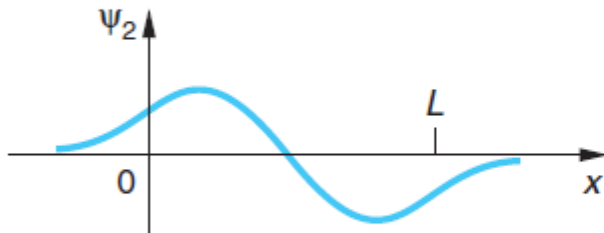
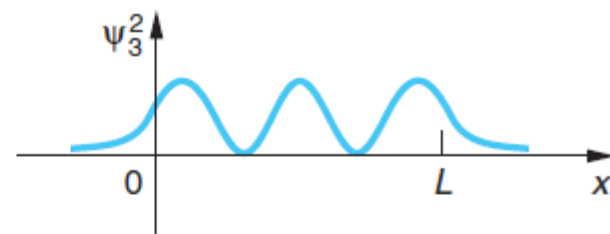
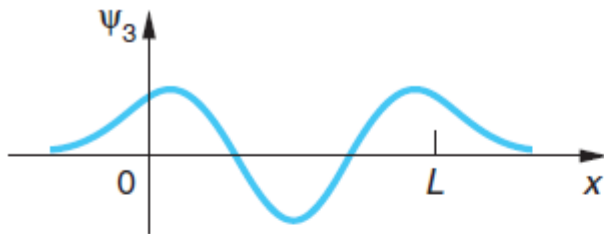
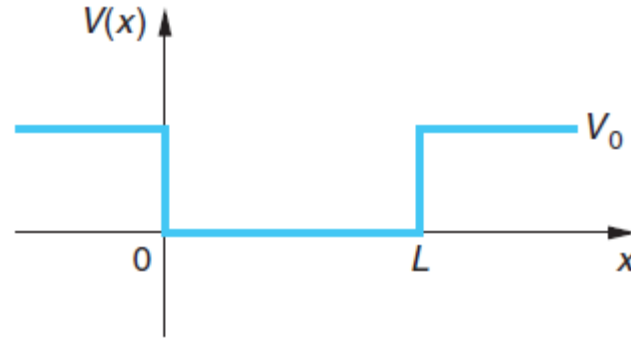


# Finite Square Well Potential

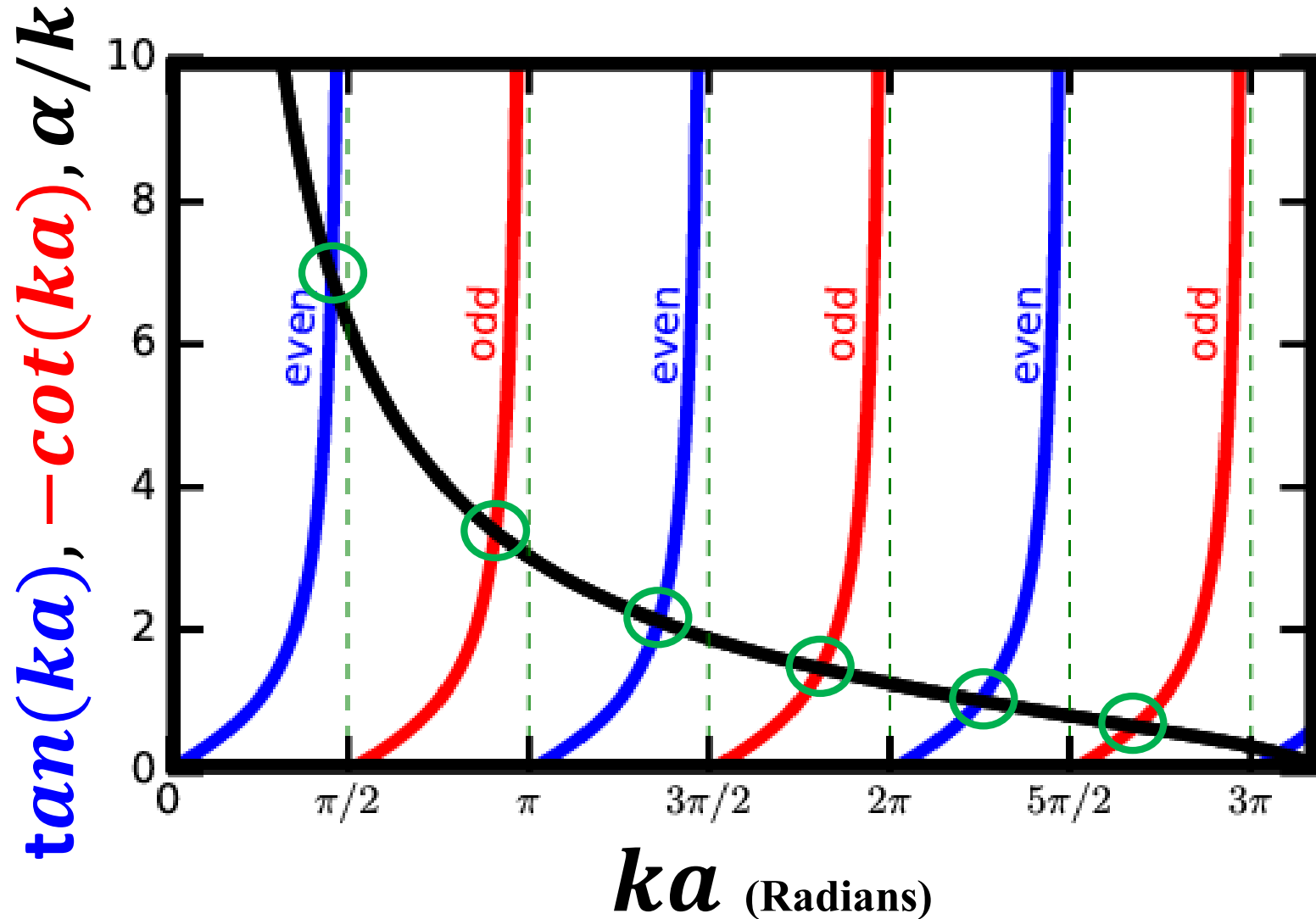


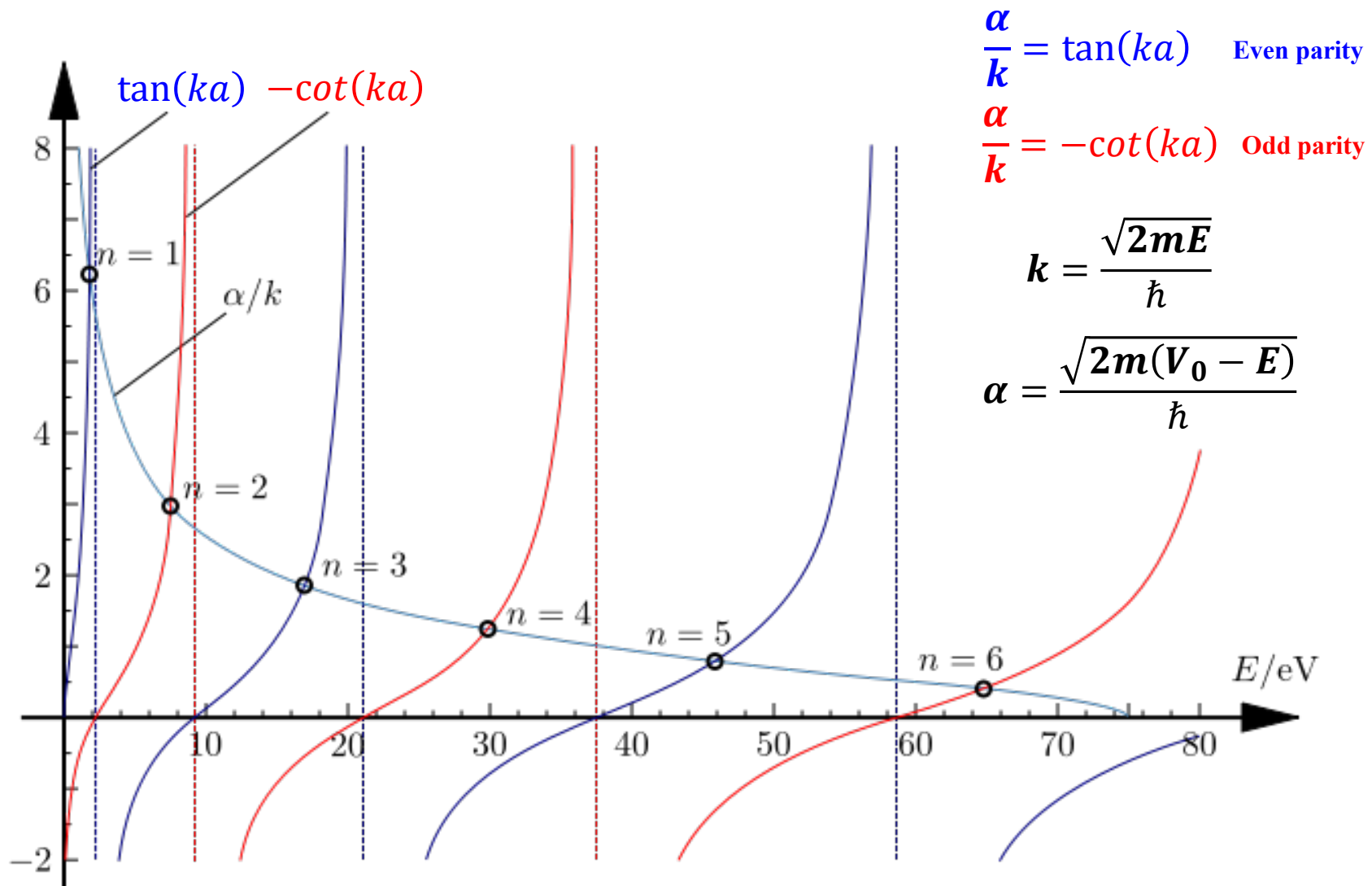
**Wave Function**

**Probability Density**

# Finite Square Well

Graphical Solution for **Even** and **Odd** Parity Modes





Horizontal axis is now in Energy units.

However, you have to put in values of  $\hbar$ ,  $m$ ,  $a$  and  $V_0$  to get  $E/eV$

Here they use  $a = 0.2 \text{ nm}$  and  $V_0 = 75 \text{ eV}$

# Comparison of Infinite and Finite Square Wells of the Same Width

