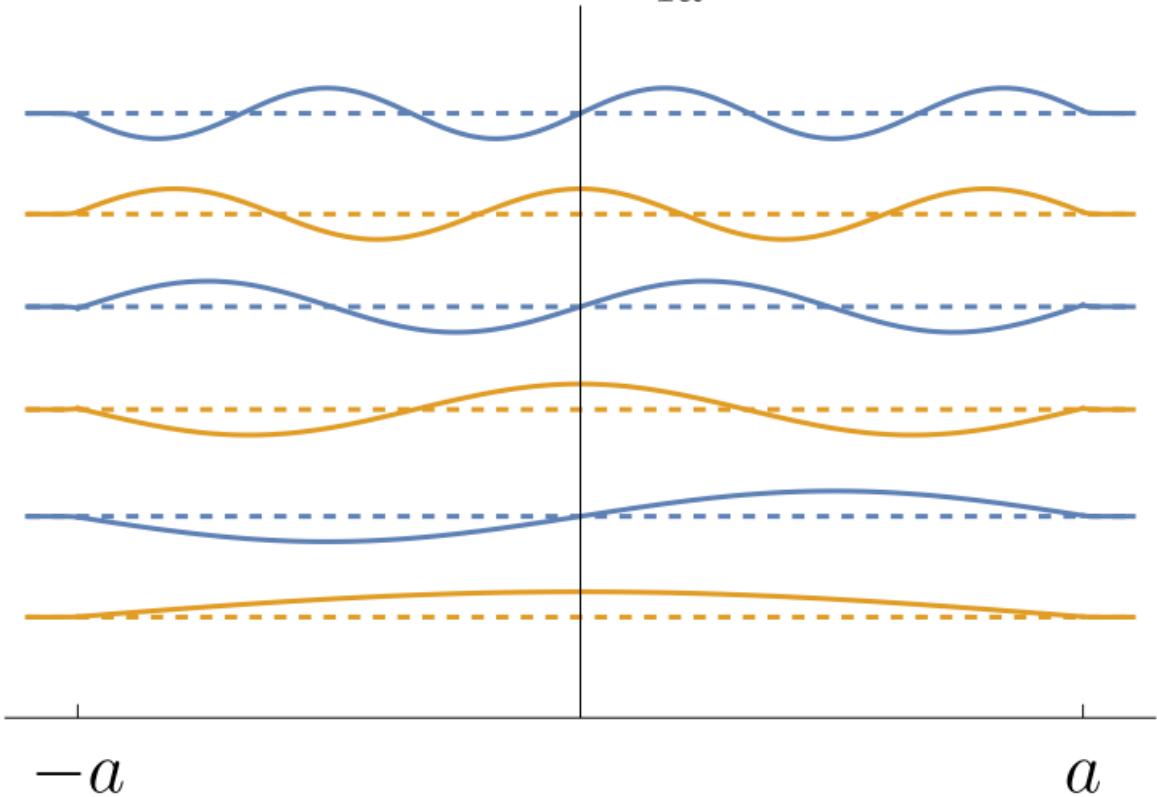


$$V_0 = 10^4 \frac{1}{4a^2}$$



$$\overline{E_6 = \left(\frac{5.94\pi}{2a}\right)^2}$$

$$\overline{E_5 = \left(\frac{4.95\pi}{2a}\right)^2}$$

$$\overline{E_4 = \left(\frac{4.04\pi}{2a}\right)^2}$$

$$\overline{E_3 = \left(\frac{3.03\pi}{2a}\right)^2}$$

$$\overline{E_2 = \left(\frac{1.98\pi}{2a}\right)^2}$$

$$\overline{E_1 = \left(\frac{0.99\pi}{2a}\right)^2}$$