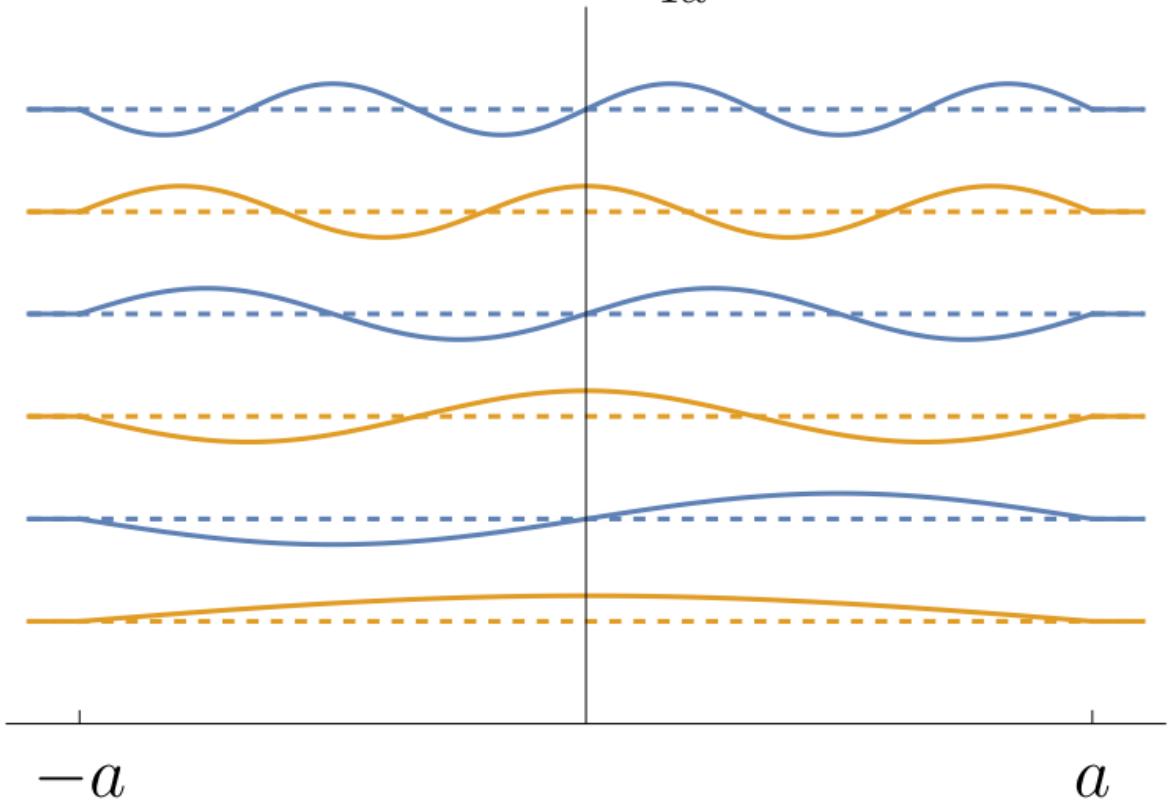


$$V_0 = 10^7 \frac{1}{4a^2}$$



$$\overline{E_6 = \left(\frac{6\pi}{2a}\right)^2}$$

$$\overline{E_5 = \left(\frac{5\pi}{2a}\right)^2}$$

$$\overline{E_4 = \left(\frac{4\pi}{2a}\right)^2}$$

$$\overline{E_3 = \left(\frac{3\pi}{2a}\right)^2}$$

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

$$\overline{E_1 = \left(\frac{1\pi}{2a}\right)^2}$$