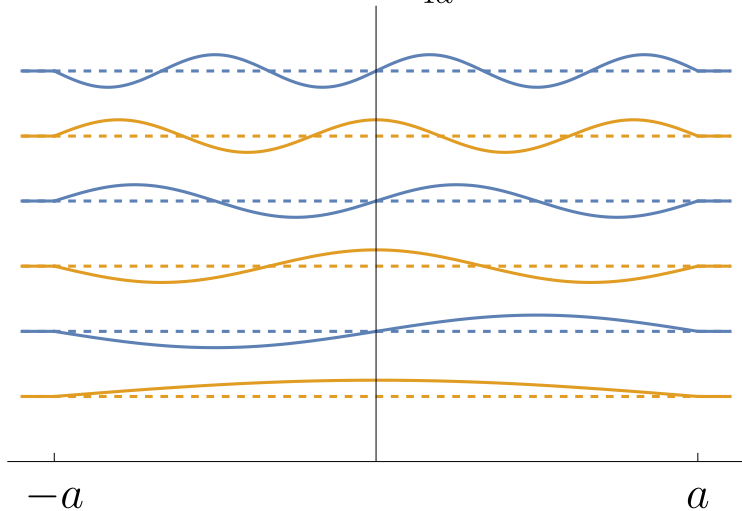


$$V_0 = 10^7 \frac{1}{4a^2}$$



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

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

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

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

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

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