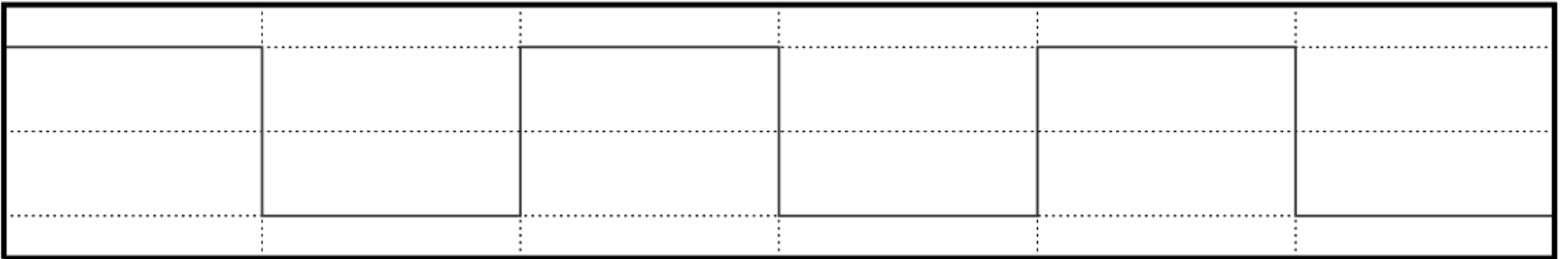


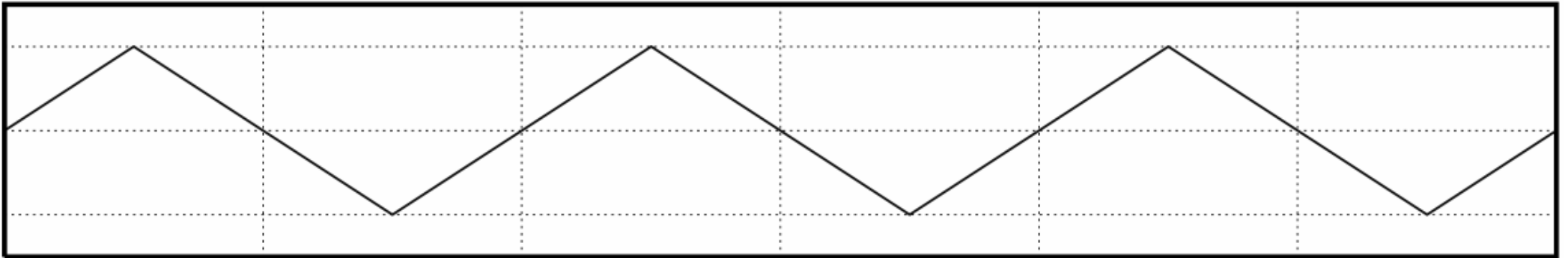
# Square wave

$$x(t) = \frac{4}{\pi} \sum_{k=1}^{\infty} \frac{\sin((2k-1)2\pi ft)}{(2k-1)}$$



# Triangular wave

$$x(t) = \frac{8}{\pi^2} \sum_{k=1}^{\infty} \sin\left(\frac{k\pi}{2}\right) \frac{\sin(2\pi kft)}{k^2}$$



# Sawtooth wave

$$x(t) = \frac{2}{\pi} \sum_{k=1}^{\infty} \sin\left(\frac{k\pi}{2}\right) \frac{\sin(2\pi kft)}{k}$$

