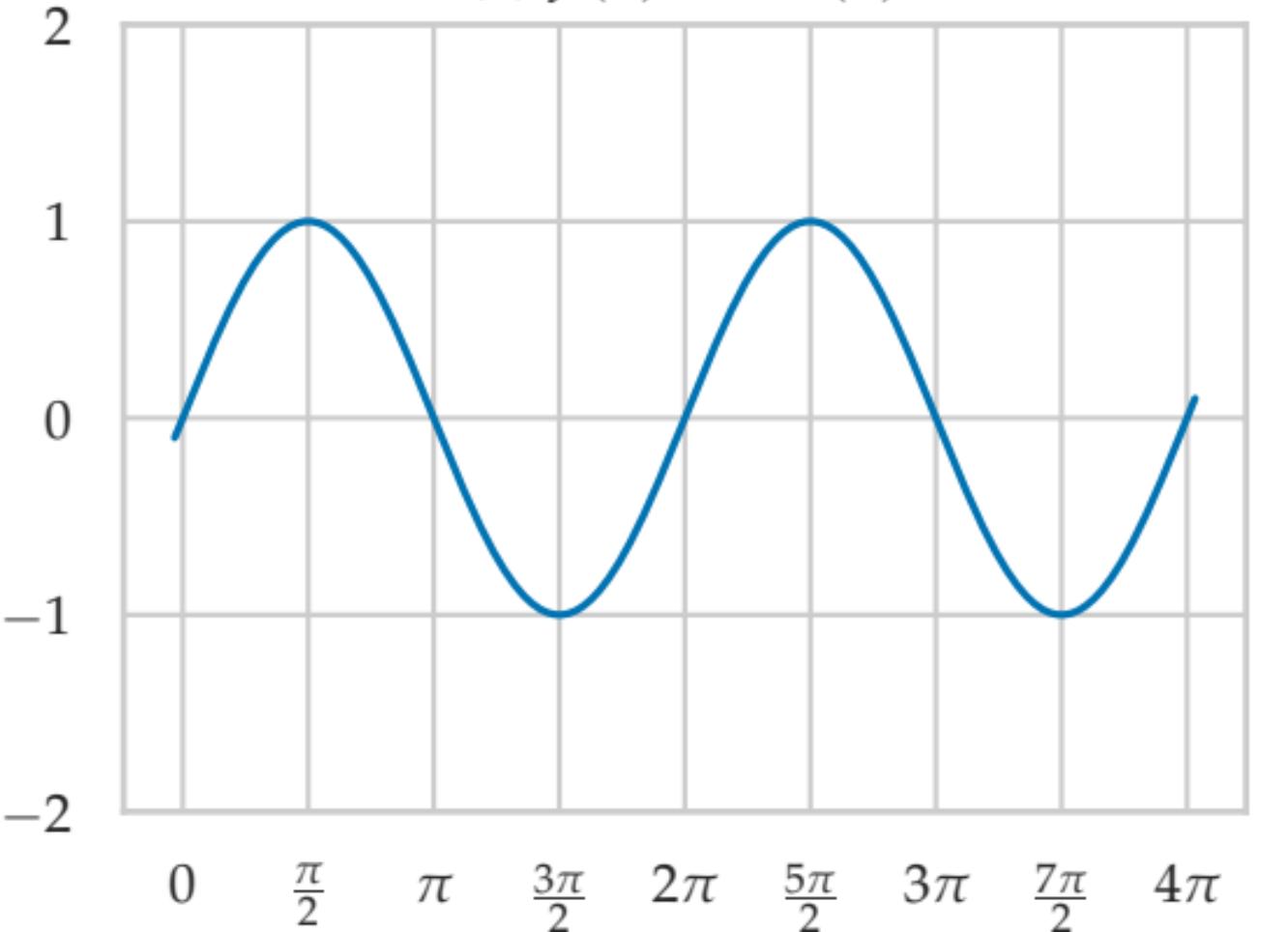


(a) $f(\theta) = \sin(\theta)$



(b) $f(\theta) = \cos(\theta)$

