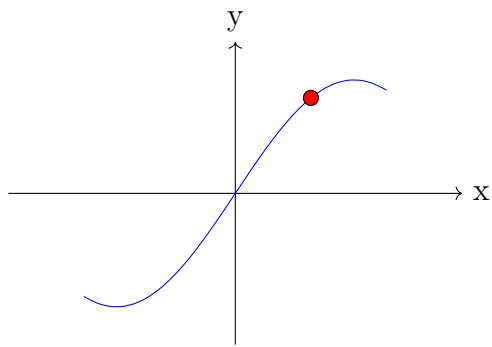


A mass on a spring oscillates as shown:



- Given amplitude $A = 1.5\text{m}$ and period $T = 2\text{s}$: a) Write the equation of motion $y(t)$
b) Calculate the maximum velocity