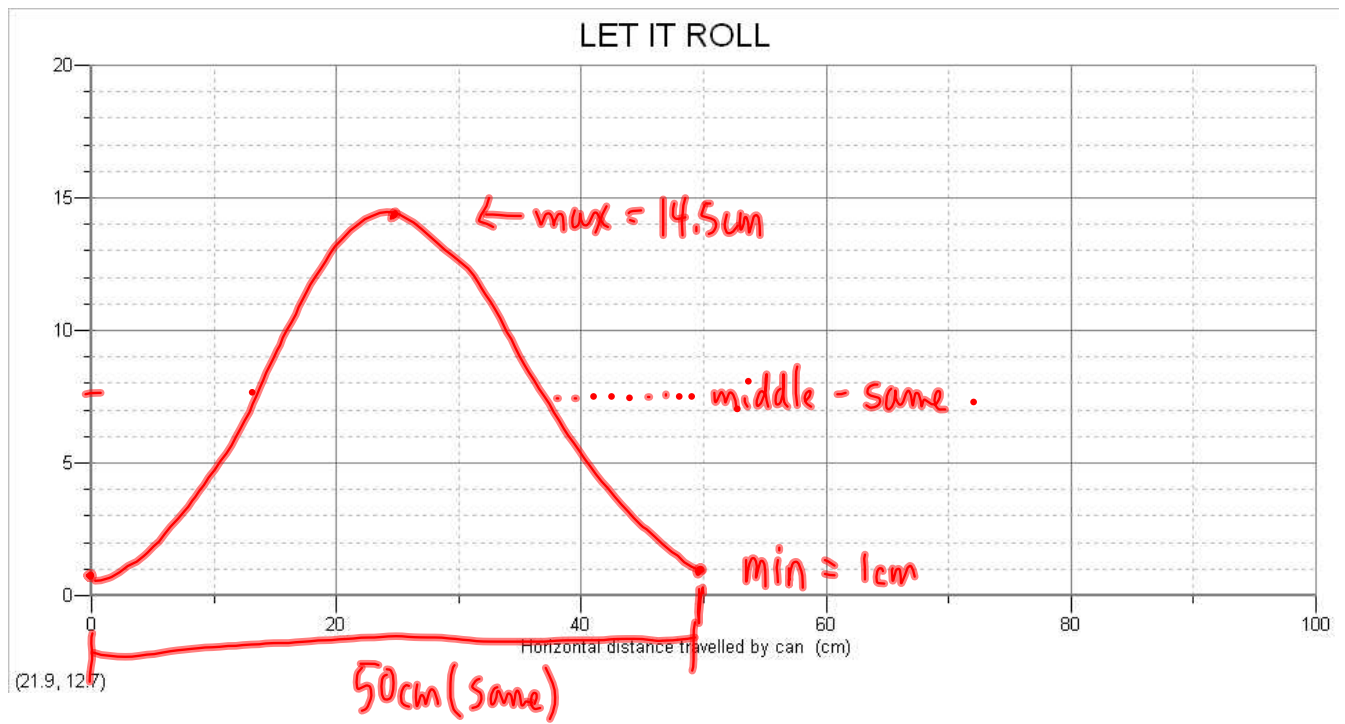
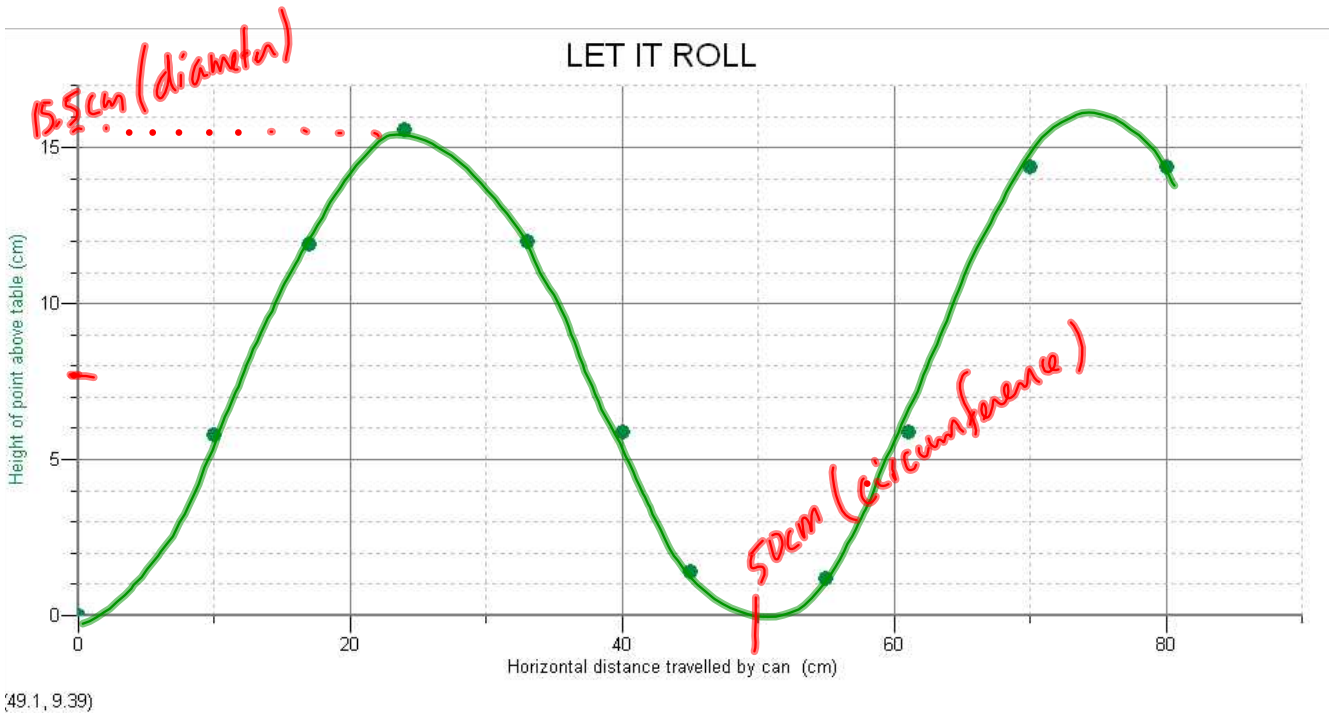
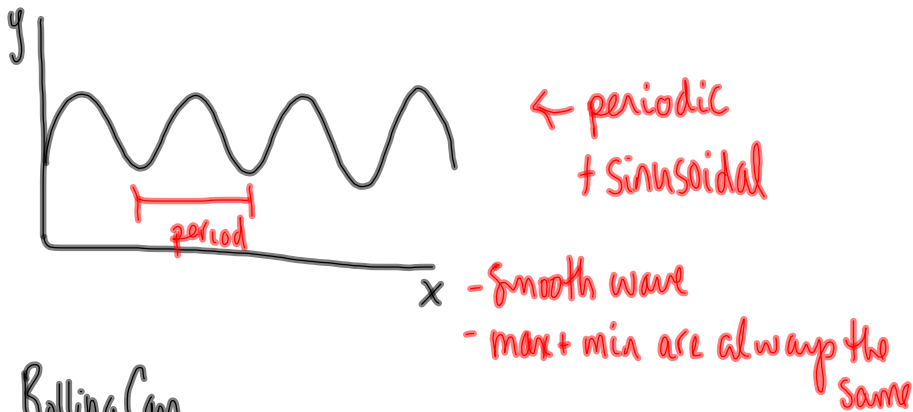
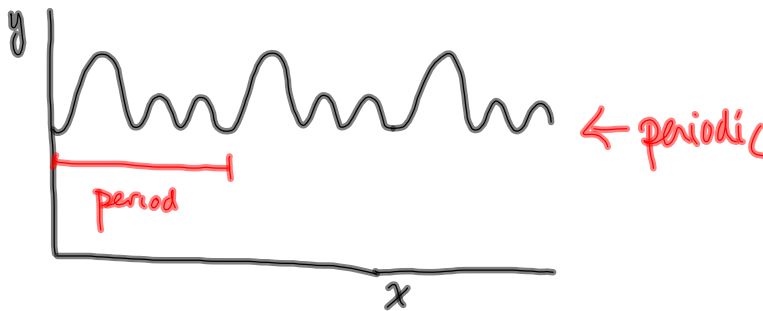
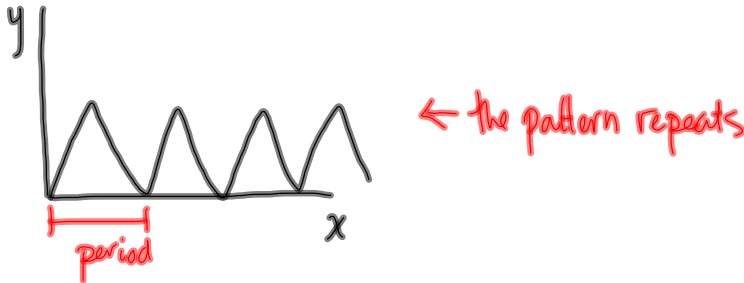


Diameter 15.8 cm  
Circumference 49.6 cm

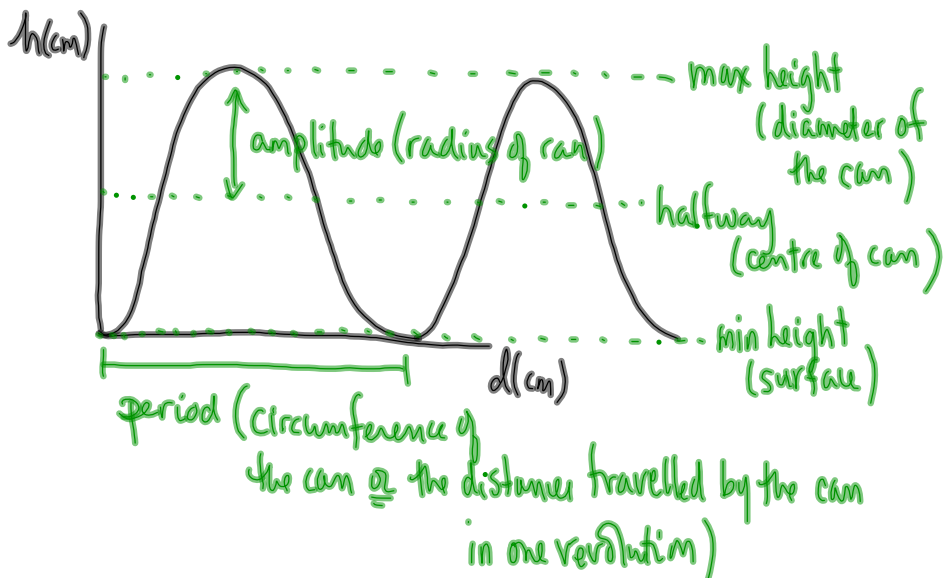


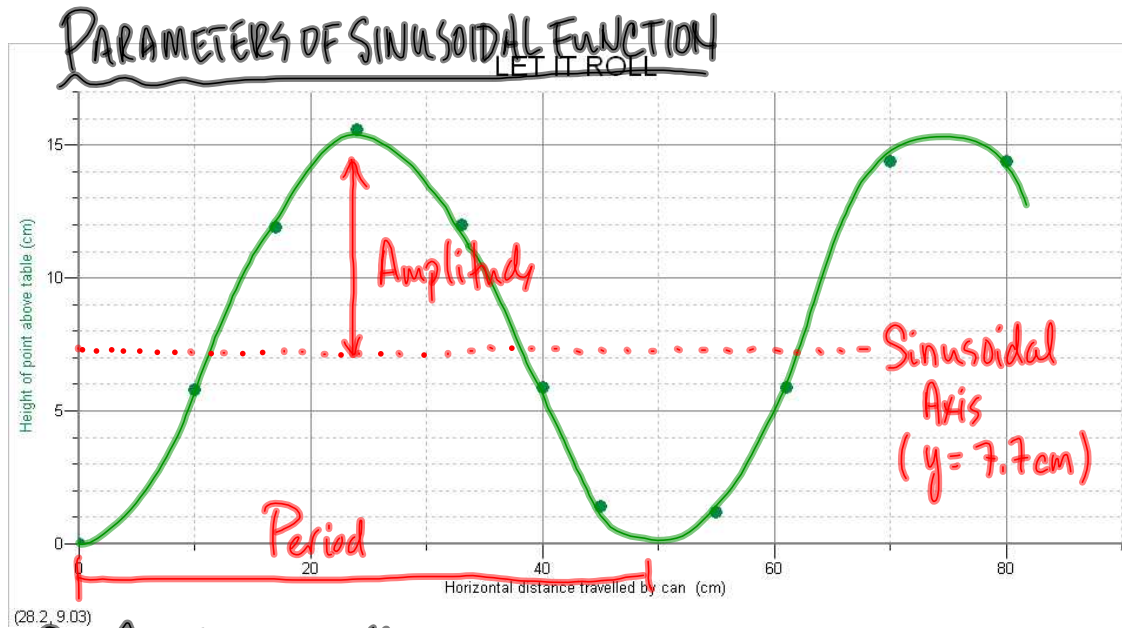
## Periodic Function

A function that has a repeating pattern is called a periodic function.



## Rolling Can





① Amplitude - half the distance between the min and max

$$A = \frac{\text{max} - \text{min}}{2}$$

② Sinusoidal Axis - imaginary line that lies halfway between the min and max

$$SA = \frac{\text{min} + \text{max}}{2} \quad (\text{given as } y = ?)$$

③ Period - the horizontal distance for one complete wave

(one cycle / one pattern)

TODO: ① Sinusoidal function, Sleet

② Book:

p92 / # 8 a b c d f g

p94 / 10, 11

p99 / 14