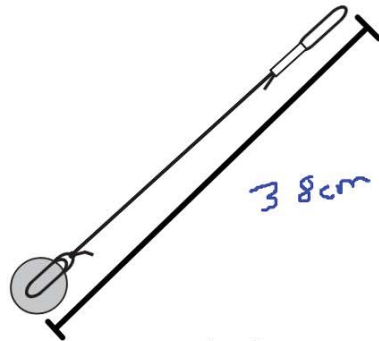
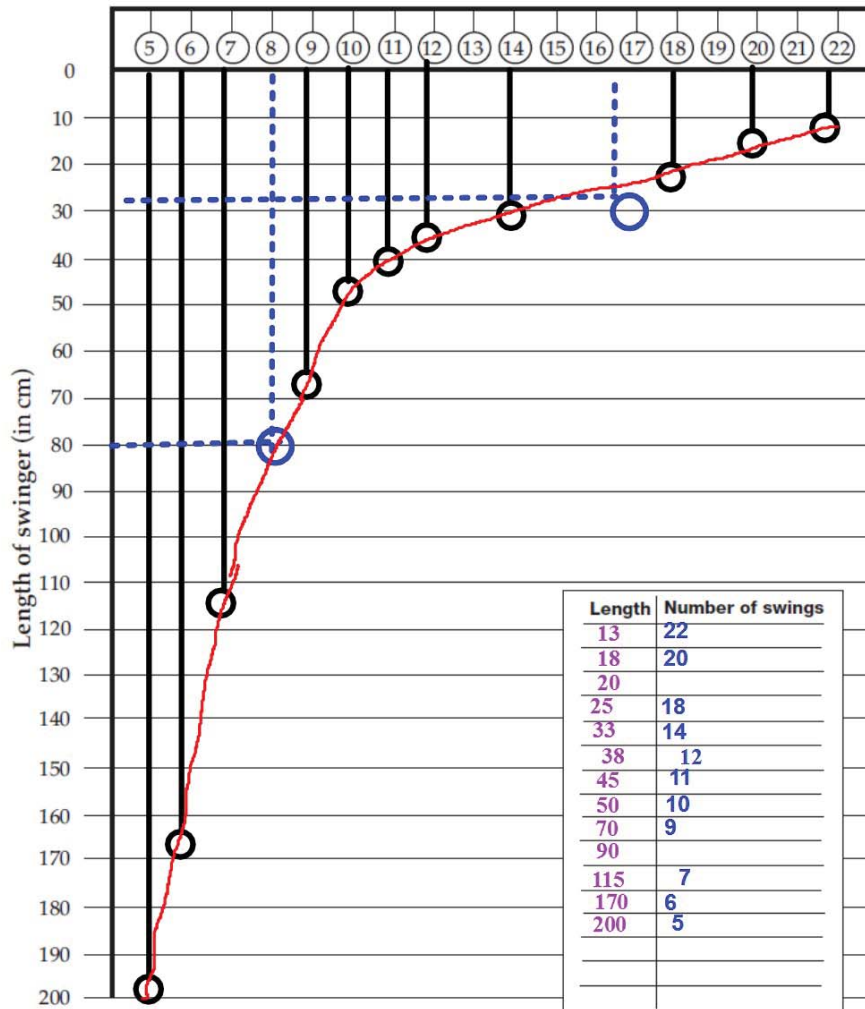


What is a variable?

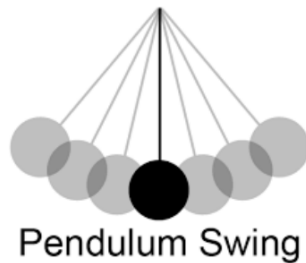


- A variable is anything that you can change in an experiment that might affect the outcome. Our standard 38cm penulum swings 12 times in 15 seconds. Mass and starting point do not affect the number of swings.

Number of swings in 15 seconds



What variable affects the amount of swings in a pendulum?



The length of a pendulum is the only variable that affects the number of swings. As the length of the pendulum increases, the number of swings decreases. As the length of the pendulum decreases, the number of swings increases.