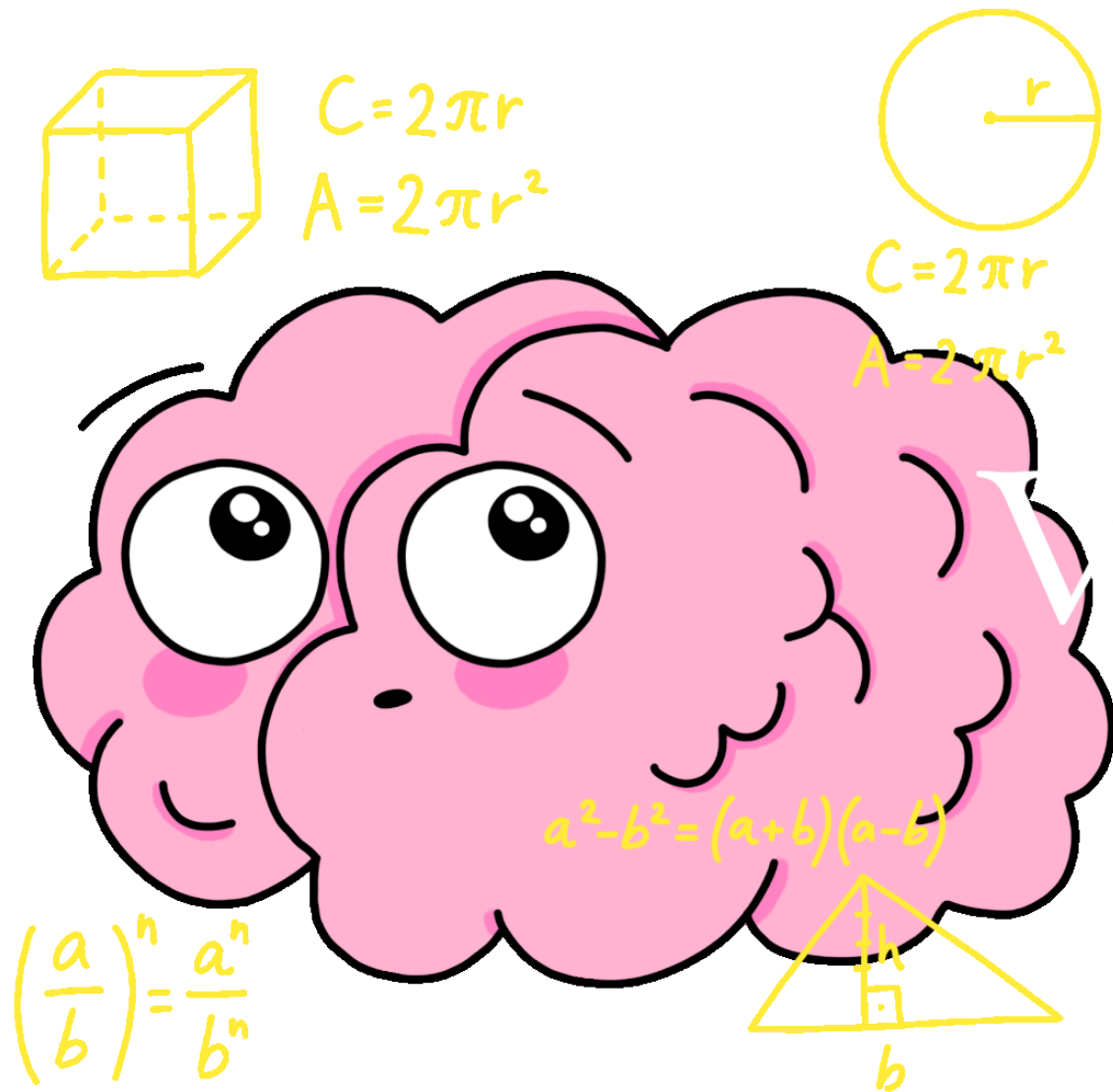# 1. What is Compute?

Compute is the processing power or "brains" to carry out tasks. An AWS physical server has many CPUs and Gigabytes of RAM.

Services using compute include:

- AWS EC2 instances (virtual servers), typically for months or years
- AWS Lambda, typically for a few hundred miliseconds for a few lines of code