

# Flowcharts

---

Determine an algorithm for each scenario, and represent it using a flowchart. You may either draw them by hand, or use software such as [diagrams.net](https://diagrams.net) or a similar service.

1. Determine an employee's take-home pay, given the number of hours worked, his/her hourly wage, and a tax rate.
2. Determine if two given integers have a sum that is positive, negative or zero.
3. Determine if the values of three given integers are consecutive.
4. Calculate the value of  $n!$ .