

- Methods

- ↳ AKA operations or functions
- ↳ Specify the behavior of the class

- Attributes

- ↳ Describe each instance of the class with different values
- ↳ variable, properties

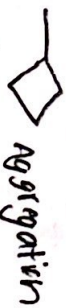
• +, -

- ↳ visibility of methods or attributes
- ↳ - private (can't be accessed by classes/subclasses)
- ↳ + public (can be accessed by classes/subclasses)
- ↳ ~ package (can be used by other classes in the same package)
- ↳ # protected (can be accessed by the same class/subclass)

- —> Inheritance

- ↳ subclasses inherit all the attributes and methods of the parent class

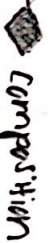
- — Association



aggregation

- ↳ Part can exist outside of the whole

- — Composition



- ↳ child can't exist without parent

- Multiplicity

- ↳ 0..1 zero to one (optional)
- ↳ n specific number
- ↳ 0..\* zero to many
- ↳ 1..\* one to many
- ↳ m..n specific number/range