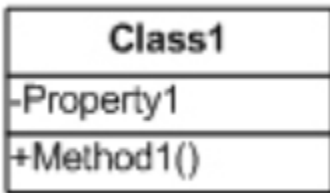**UML Cheatsheet**

Class1
-Property1
+Method1()

Class
Properties or attributes sit at the top, methods or operations at the bottom. "+" indicates public, "#" indicates protected, and "-" indicates private.
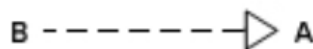
B ──────────▷ A

Inheritance
B inherits from A. "is-a" relationship.

A ──────────▷ B

Association
A and B call each other

B ‑ ‑ ‑ ‑ ‑ ‑▷ A

Realization/Implementation
B implements A. (It is a relationship between two model elements, in which one model element (the client) realizes (implements or executes) the behavior that the other model element (the supplier) specifies.)

───────────────── 1
Exactly one   **Multiplicity**

───────────────── 0..1
Zero or One

───────────────── *
Zero or More

───────────────── 1..*
One or More

───────────────── 3
Exact Number

───────────────── 0..1, 3..4, 6..*
complex relationship

───────────────── {ordered}
Ordered