* Define these relationships in your own words. Do a little research on the internet to see how other people define these terms. How does your definition compare to other definitions (site sources/links)?

Aggregation – association between objects. A car is the property of a single owner; however, the owner can own multiple cars.

Composition – child objects cannot exist independently of parent objects, once the parent is destroyed, the child is destroyed as well. A car comes with an engine, when that car is destroyed the engine is destroyed as well.

I learned these concepts from the internet, so, the definitions are pretty much the same.

<https://www.c-sharpcorner.com/UploadFile/ff2f08/association-aggregation-and-composition/> this is what I used to help understand the concepts, the engine and car example is the same as what I had, but I kept things in the motor world for my example of aggregation.

* What is the difference between these two relationships?

There are many differences between these concepts, the biggest one to me is aggregation is the compilation of two independent objects, one does not depend on the other for its lifecycle. Compilation is the exact opposite, the child object relies on the parent object for creation, and its lifecycle is not independent of the parent’s.