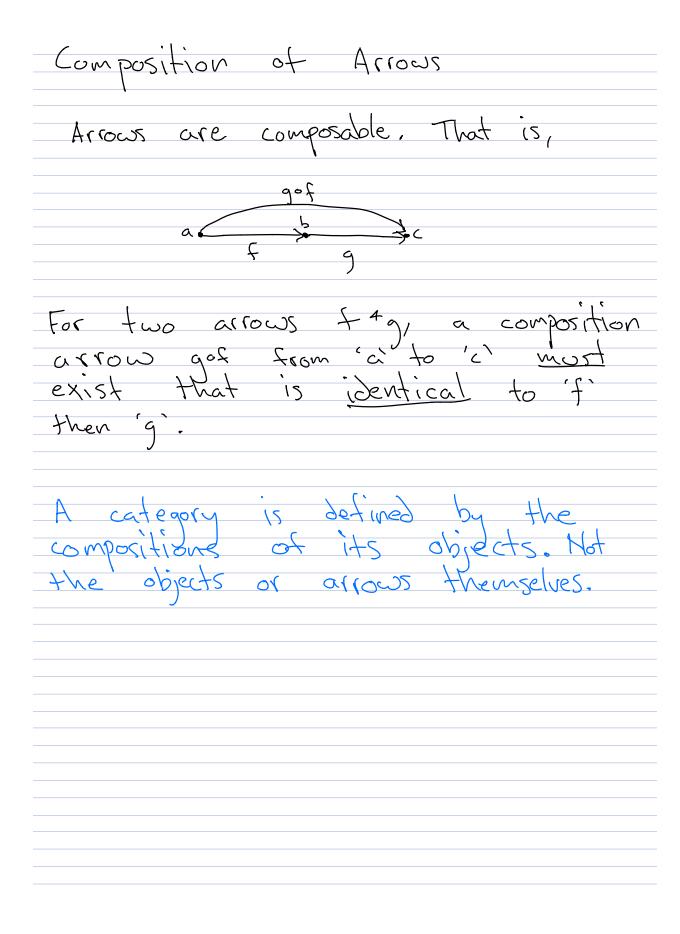
3 pillars of category theory
1. Abstraction
Focus only on properties we case about
7. Composition
Things are composable as in we can take two things and
make a new thing as a
3. Identity
Things that may have been different in the details become similar when abstracted.
Concepts of Category Theory A category contains objects. (Important distinction that its not a SET of objects)

Objects have no properties.

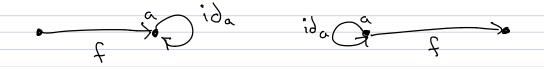
There the pinnacle of abstraction.

There atomic in that they are
not decomposable. • a Morphisms are relationships between objects. They are primitives, just like objects. There can be any number of arrows between objects, even infinite or uncountably infinite. Notice here that the two arows from 'a' to itself are not identical.



2 Alaebraic Proporties

There exists an identity arrow id on a to or from any arrow f such that identity of such that



2. Associativity
For arrows figh w/ structure below,
ho (gof) = (hog) of

