Graph theory, level 3
Everyone has their own definition of what a graph is.
Path A graph is a pair (V, E) V a set
and E a set together with an injective map

$$E \rightarrow O_2(V)$$
 such that... (shift)
d $\int_{3}^{4} \int_{0}^{2} \int_{4}^{2} \int_{0}^{2} \frac{\epsilon_{1,2}}{\epsilon_{1,2}}$
Def A griph is a pair (U, E) V a finite nonempt
 $E \subset O_2(V)$ such that...
 $\int_{0}^{4} \int_{0}^{2} \int_{0}^{2} \int_{0}^{2} \frac{\epsilon_{1,2}}{\epsilon_{1,2}}$

Det A category is a collection (objects farrows (directed graph, but passibly voy infinite) tgetter with a composition law for arrows 6-7H-7K