Fall 2021, Math 620: Preliminary Problem Set 15
Due: Thursday, December 2nd, 2021
Categories and Universal Properties

Preliminary problems. These problems should be completed before discussion on Thursday.

(P1) Write the definition of the product $A \times B \times C$ of 3 objects in a category $\mathcal{C}$. Draw a associated diagram (be sure to use "dashed" arrows for morphisms that are claimed and "solid" arrows those fixed as input).