Pullbacks and Pushins 0.1

Pullbacks capture the idea of equality of arrows in Category Theory $\begin{array}{c} A \times_X B \xrightarrow{\pi_2} B \\ \downarrow^{\pi_1} & \downarrow^g \\ A \xrightarrow{f} X \end{array}$ Pullback of arrows shown is the same as their product in the slice category C/X