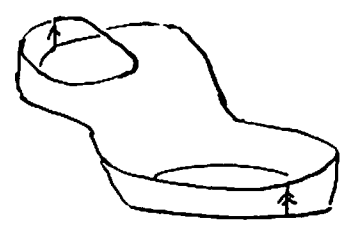
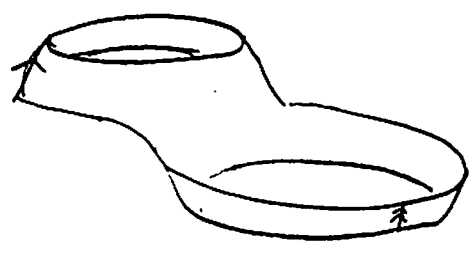
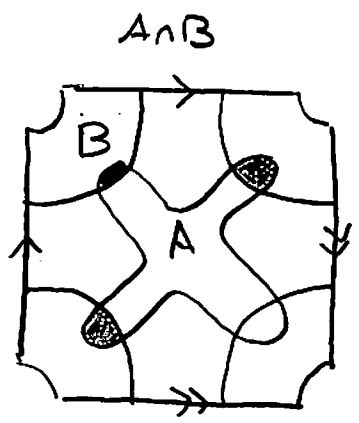
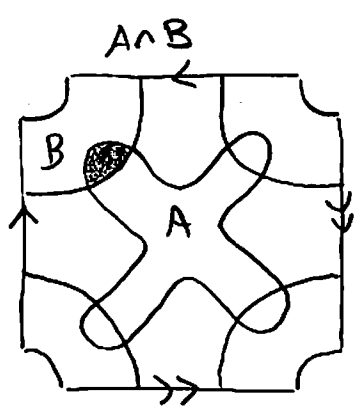
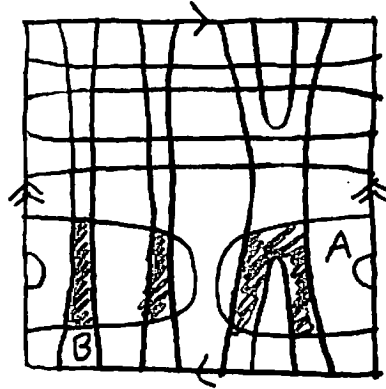
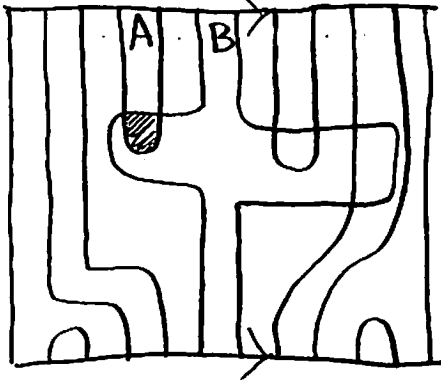


These are slight variations. By excluding the corners, the stretching and gluing of the edges yields a surface with handles

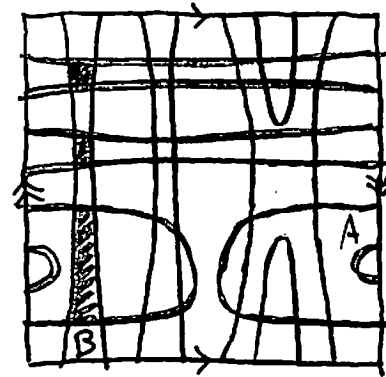
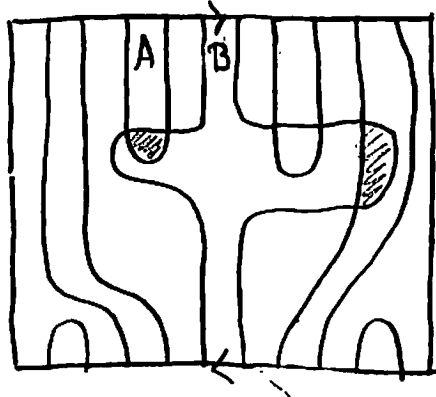


$A \cap B$



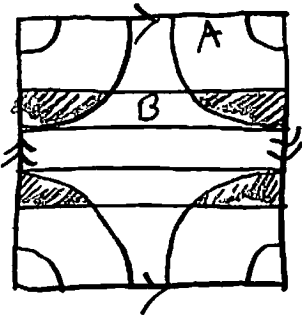
$A \cap B$

$A \cap B$

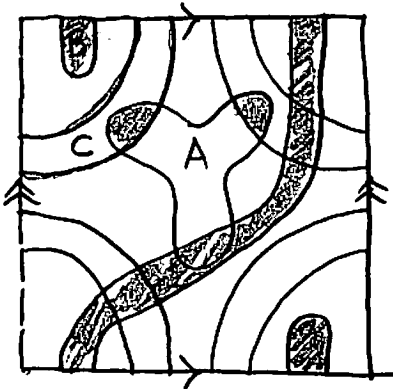


$A \cap B$

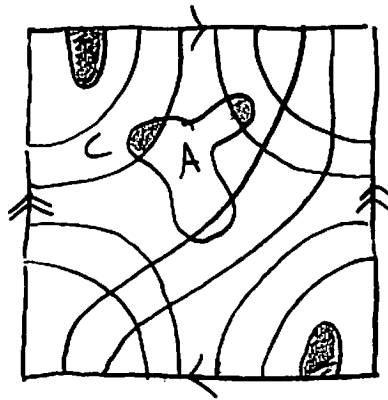
$A \cap B$



Careful! Some of these diagrams are the same except for the arrows on the edges!



$B \cup (C \cap A)$



$B \cup (C \cap A)$