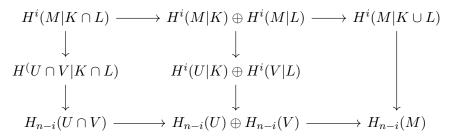
EXERCISES FOR MA4J7 ALGEBRAIC TOPOLOGY II

WEEK 9

(1) In the proof of Poincare duality, we needed to know that the squares in the diagram below commute.



Check this for yourself. (We also needed to know that another square to the right commutes, but that was the hard part of the Lemma; this part is straightforward.)