

DISCUSSION FOR SEVENTH TUTORIAL

DATE: FRIDAY JAN 14 (LCT01), MONDAY JAN 17 (LBT01), FRIDAY JAN 21 (LCT02), MONDAY JAN 24 (LBT02 & LBT03)

Say that I have access to 5 and 9 cent stamps. What is the largest postage that I *cannot* make using those two denominations? Explain why it is possible to make every value of postage larger than that value. Think about how you show your solution is correct. One way of doing it is by induction.



More generally, let's say that I have a and b cent stamps, what is the largest value of postage that I cannot make, why? Start by explaining what conditions must be placed on a and b for this question to make sense.