3ai) M: λxyz. xyz, N: λabc. abc (x => a, y => b, z => c)
ii) M: λxyz. xyz, N: λabcd. abcd (M is a 3-parameter lambda abstraction, N is 4)

b)

It’s not true that under beta-equivalences, MN = NM for all λ-term M and N.
From Tutorial 6, Q5e and Q5f, if M = λx.xx, N = λx.x, MN = λx.x but NM = λx.xx.

c) No longer examined?
d) No longer examined?