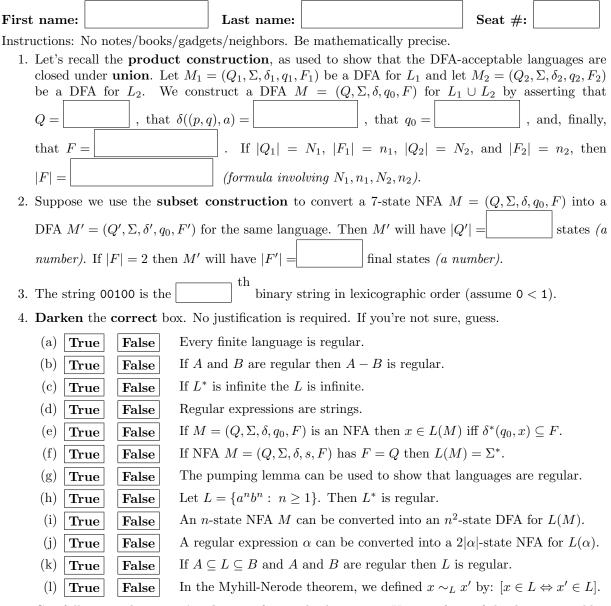
## Quiz 2



<sup>5.</sup> Carefully state the **pumping lemma** for regular languages. Use any form of this lemma you like, but make sure it's nontrivial and all quantifiers are clear.

6. Draw an NFA for  $L = \{aab, aba\}$ . Your NFA must use as few states and arrows as possible.