## Quiz 4b

Name:

Signature:

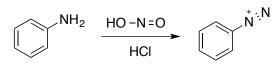
**Recitation Instructor:** 

Start 5 minutes in, 30 minutes total... as always Good luck!.

1. Predict the products of the following reactions (4 points each)



2. Show a mechanism for the following tranformation (6 points).



3. Show a synthesis for the following (6 points)

