## How to draw reasonable electron-pushing arrows Homework problems for video (3) Answers in video (4)

For each of the following sets of starting materials:

- (a) Draw reasonable electron-pushing arrows. If no arrows are reasonable, write "no reaction".
- (b) Identify the roles being played in the reaction.
- (c) Draw the product, based on the arrows you drew in part (a).

$$I + KCN$$

$$I + KCN$$

$$NH, + MOH$$

$$+ I OH$$

$$+ I O$$