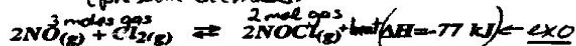




3

- d) H₂ gas is removed from the system..... Answer P_{CH₃OH} decreases (shift left)
- e) A catalyst is added..... Answer no change
- f) The total volume of the container is increased..... Answer P_{CH₃OH} decreases (shift left)
(pressure decreased)

10. For the reaction:



27

state the optimal pressure and temperature conditions necessary for maximum production of NO₂. (you want it to shift right and produce more NO₂)

high pressure low temperature

