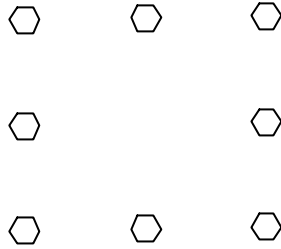


7. For the threaded joint shown schematically, number the proper tightening sequence: [6 points]



8. What is the purpose of flux in welding? [10 points]

9. Identify all reasonable candidate processes that can be used to machine a 0.5-mm slot in a 6-mm thick stainless steel plate. [12 points]

10. Explain what net-shape/near-net shape manufacturing is? [6 points]

11. Draw a diagram and explain how the dimensional tolerance affects the production cost. [6 points]

*I enjoyed the opportunity to get to know you during the semester.
Congratulations graduating seniors.
Have nice holidays!!*