Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Writing prompt: What is a stand? How do stand forms and what are some common characteristics of specific types of stands?
2. What are the four phases of stand development and what are key processes occurring during each stage?
3. Activity question: What species are dominate during stand initiation? Why are these species dominate?
4. Activity question: Label the different strata in each phase. In understory initiation, what species comprise strata A vs strata D
5. Activity question: During old growth, what species are missing? What is it about this species *silvics* or ecology that causes this species to be missing?
6. Activity question: What are the pioneer species in the cold/wet mixed conifer forests? What clues imply this is the pioneer species?
7. Activity question: What species cold/wet mixed conifer species has intermediate shade tolerance but is a late pioneer species?
8. Activity question: What is the first stage of development (i.e. current condition) in the warm/dry mixed conifer forests and what evidence exists regarding this development stage? (hint – consider age /size distribution and shade tolerance).
9. Activity question: What are indicators of intermediate stages of warm/dry mixed conifer stand development?
10. How are stand dynamics concepts making sense to you? Please share any outstanding “muddy points” or favorite ideas learned from other sources that you think are just so cool about stand dynamics!