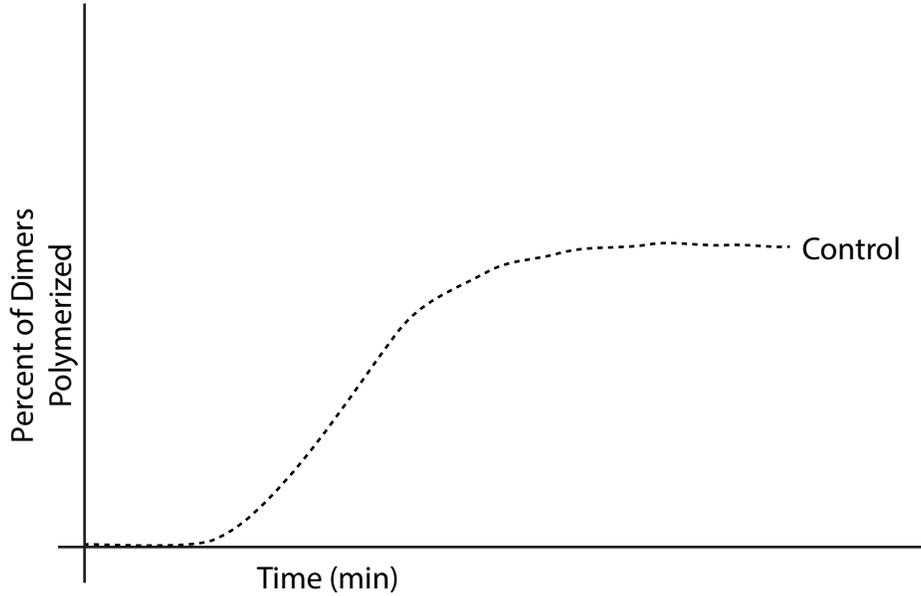


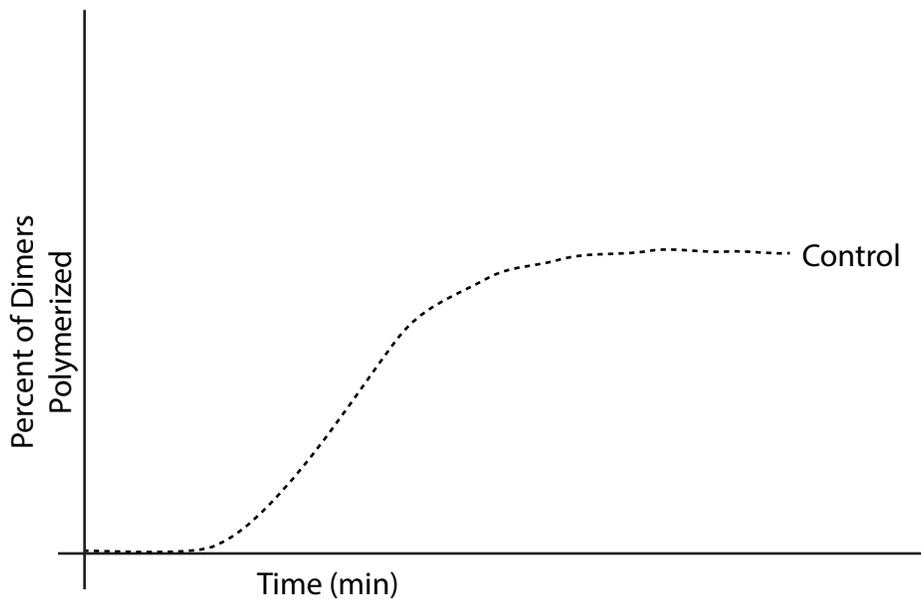
1. How does the plot change if you use GMPCPP instead of GTP?

Draw the plot with respect to the control data (GTP) drawn. Label nucleation, growth, equilibrium.



2. How does the plot change if you add seeds, but still use GTP tubulin?

Draw the plot with respect to the control data (no seeds) drawn. Label nucleation, growth, equilibrium.



3. Draw a picture of what the tubulin looks like in following states:

A. during nucleation

B. during growth

C. during equilibrium

4. Make a microtubule lattice. Use the pop beads or anything you want, but come with a microtubule model on Thursday.