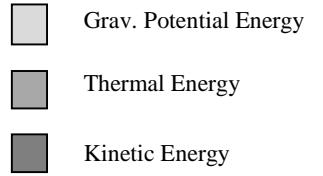
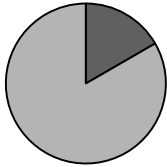


Exercise 2: Practice with Energy Pie Charts

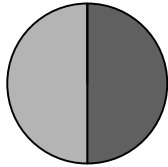
Sketch a track so that a skateboarder would have energy stored as indicated by the pie charts below. Indicate the relative speed of the skateboarder with a dot and arrow over him/her. Label the track with points A, B, C, D and E, corresponding to each of the pie charts below. Once predictions are made build the track using the Energy Skate Park simulation to check your prediction.



1.



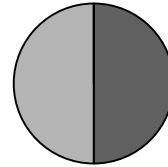
Pt. A



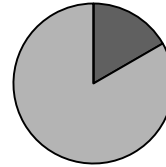
Pt. B



Pt. C

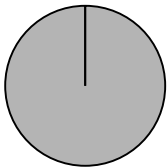


Pt. D

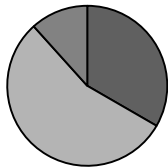


Pt. E

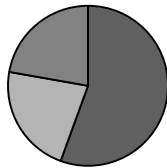
2.



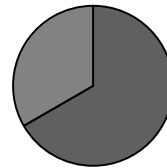
Pt. A



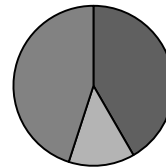
Pt. B



Pt. C



Pt. D



Pt. E

3. Were any of the transitions impossible? Why? If not, can you think of a pie that could not follow after pt. E in #2? What is it and explain why it would not work.