ASTR 119 HW6 Answers

1. For a temperature amplitude of +/- 50 °C, alpha = 1e-5, a max depth of 4m, and max time of 10 days, the depth at which the variation in temperature does not exceed ~1°C appeared to be about 2 meters.
2. At a depth of ~2m, temp appears to not fluctuate beyond 1 degree
   
3. For a variation of +/- 80 °C, you would have to dig slightly further, to around 2.25 m.