1) D
2) D
3) B
4) C
5) C
6) B
7) $H_0: \mu_d = 0$. $H_1: \mu_d \neq 0$. Test statistic: $t = -2.134$. Critical values: $t = 4.604, -4.604$.
   Fail to reject $H_0$. There is not sufficient evidence to support the claim that the tutoring has an effect.
8) $H_0: \mu_d = 0$. $H_1: \mu_d > 0$.
   Test statistic $t = 1.954$. Critical value: $t = 3.143$.
   Fail to reject $H_0$. There is not sufficient evidence to support the claim that the diet is effective in reducing weight.