1) B
2) C
3) C
4) C
5) B
6) B
7) 0.4332
8) The distribution does not appear to be approximately bell-shaped.

9) $\hat{y} = 11.7 + 1.02x$
10) $H_0$: Gender and response are independent. 
    $H_1$: Gender and response are dependent.
    
    Test statistic: $\chi^2 = 0.579$. Critical value: $\chi^2 = 5.991$.
    Fail to reject the null hypothesis. There is not sufficient evidence to warrant rejection of the claim that response and gender are independent.
11) Test statistic $t = 2.894$. Critical values: $t = \pm 2.262$.
    Reject $H_0$: $\mu_d = 0$. There is sufficient evidence to warrant rejection of the claim that the mean is the same before and after viewing.