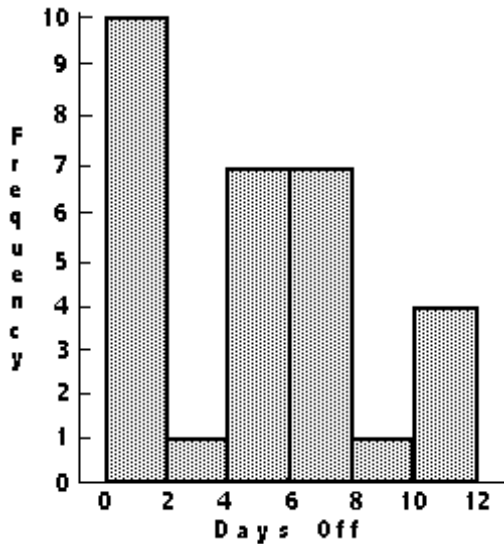


Answer Key

Testname: PRACTICEFINAL2009

- 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.

