



**Lab 1– 23 pts**

1	(a) bar graph
2	(b) Summarize what these graphical and numerical summaries reveal. <i>-1/2 not much about sample (sample size), -1/2 nothing about surprise</i>
1	(c) output <i>-1/2 doesn't include 30</i>
2	(d) Reasonably likely outcomes (figure 1.1.4) <i>-1/2 if only one number reported</i> <i>-1 bad number</i>
2	(e) is 30 plausible
3	(f) estimated p-value, below 0.05, statistically significant <i>-1 bad reasoning</i> <i>-1/2 weak</i>
2	(g) Convincing <i>-1 no reasoning</i>
2	(h) prove <i>-1/2 convinced</i> <i>-1 yes</i>
2	(i) generalize to all dogs?
2	(j) changes <i>-1/2 no real justification</i>
4	(k) analysis of 0.70 <i>Bad reasoning -1</i>

Pre-lab 5 pts