

Problem 1. $t = 2.58$. Reject H_0 with 95% confidence, therefore the sample information contradicts manufacturer claim.

Problem 2. $z \approx 1.76$. Fail to reject H_0 , not enough evidence to indicate that percentage given in report is too low.

Problem 3. $s^2 = 56.25$, $B = 2$, $z = 1.65$, therefore $n = 39$.

Problem 4. From -2.69 to -0.71

Problem 5. $t = -1.6$, fail to reject H_0 .