7.3.1.1 a) $se(\hat{\varphi}) = \sqrt{\frac{.39 \times .61}{90}} = .0514$ b) .39 ±2 (.0514) = (.287, .493 - no it is not possible to have a ses of 23% he ause the lowest is 28.7% - it is 2 standard errors away a) 1.350 < p-value < 1.77/ b) P-(7 \le 2.228) - pr(T \le -2.228) = 0.9499882 c) 10.4810891 D) 1.439756 and -0.4397557