

Answers to Chapter 9 Problems in Triola

Section	Prob	Solution
9-2	14	Test $z = -2.44$, crit $z = -2.33$, $P = 0.0073$, Use the nets!
	26	Test $z = -0.76$, crit $z = \pm 1.96$, $P = 0.4472$ or so, Radon not affected.
9-3	12	$-1.3 < \mu_1 - \mu_2 < 3.1$
	18	$-0.61 < \mu_1 - \mu_2 < 0.71$, magnets? bah!
9-4	14	a. Test $t = 0.553$, crit $t = 1.753$, $P > 0.10$, presidents aren't necessarily tall. b. 90%, $-0.8 < \mu_d < 1.6$
	18	a. Test $t = 2.631$, crit $t = \pm 2.977$, $P = 0.0197$ b. $-2.9 < \mu_d < 47.5$, yes.
9-5	10	Test $F = 1.0208$, crit $F = 1.9429$, not sufficient evidence to reject
	18	Test $F = 1.2877$, fail to reject