ivaille.	
Course & Section:	

Electronic copies of this homework are located in D2L.

Nama

Hypothesis Testing

Part 1

Watch the Video: <u>Hypothesis Testing MTStatPAL Part 1</u> (https://www.youtube.com/watch?v=weY20-PEmIQ)

- 1. What symbol do we use to represent the null hypothesis?
 - a. H₁
 - b. H₀
 - c. Ha

Part 2

Watch the Video: <u>Hypothesis Testing MTStatPAL Part 2</u> (https://www.youtube.com/watch?v=2i_tS72Ztqk)

- 1. Which of the following is the appropriate structure for the hypothesis test matching the World Cup scenario using symbols?
 - a. Ho: p = .50 Ha: p < .50
 - b. Ho: $\mu = 69.3$ Ha: $\mu \neq 69.3$
 - c. Ho: p = .50 Ha: p > .50
 - d. Ho: $\mu = .50$ Ha: $\mu > .50$

Part 3

Watch the Video: Hypothesis Testing MTStatPAL Part 3 (https://www.youtube.com/watch?v=JG2RbOEHX Q)

- Do you have enough evidence to say that more than 50% of soccer players are taller than average? Note: Since you are only making your best guess about answering this question, this is not a wrong answer
 - a. Yes
 - b. No

Part 4

Watch the Video: Hypothesis Testing MTStatPAL Part 4 (https://www.youtube.com/watch?v=D6n0lgotBOM)