In-Video Quiz Questions for
Unit 5: Part 2 – (1) Estimating the Difference Between Two Proportions

(16:32) – slide 10, after "And remember our confidence interval was from .36 to .56."

1. Based on the confidence interval we calculated, should we expect to find a significant difference (at the equivalent significance level) between the population proportions of Coursera students and the American public at large who believe there should be a law banning the possession of handguns?

(a)   Yes

(b)   No

Answers:

1. a

Explanation: In this hypothesis test the null value for the difference between the two population proportions would be 0, and 0 isn't in the interval, hence we should expect to find a difference.