Exhibit 1

Question 1: Clearly identify what the null (H0) and the alternative (HA) hypotheses appear to be in the context of this article.

H0: Motorcycle training does not decrease the risk of the rider crashing
HA: Motorcycle training decreases risk of the rider crashing

Question 2: Articulate what risk was involved, based on the decision made in the article, when the null (H0) was rejected (or not). You should use the concept of false positive rate in your answer.

The risk is concluding that training does not decrease crash risk when it really does. That is what the FPR attempts to measure. In this case we know that risk is greater than 0.05.

Exhibit 2

Question 1: The phrase “statistically significant” is used in Mr. Wolf’s testimony. Clearly identify what the null (H0) and alternative (HA) hypotheses appear to be in the context of that testimony.

H0: Vouchers don’t increase graduation rates
HA: Vouchers increase graduation rates

Question 2: Articulate what risk was involved, based on the decision made in the article, when the null (H0) was rejected (or not). You should use the concept of false positive rate in your answer.

The risk is concluding that vouchers do not increase graduation rates when they really do. According to Mr. Wolf this risk is less than 0.05.