|  |  |
| --- | --- |
| NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_ | **Statistics and Probability** |
| 8-3 Hypothesis testing quiz | **DATE: Thursday, January 14, 2016** |

Chipotle claims that only 15% of their customers become sick after eating their food.  You believe that Chipotle is lying, because everytime you go you get sick.  You contact a random sample of 80 and find 15 people were sick.  Do you have evidence (at 95% confidence) that Chipotle is lying?

.

*Show all work and calculations. Write a conclusion in context.*

|  |  |
| --- | --- |
| NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_ | **Statistics and Probability** |
| 8-3 Hypothesis testing quiz | **DATE: Thursday, January 14, 2016** |

Chipotle claims that only 15% of their customers become sick after eating their food.  You believe that Chipotle is lying, because everytime you go you get sick.  You contact a random sample of 80 and find 15 people were sick.  Do you have evidence (at 95% confidence) that Chipotle is lying?

.

*Show all work and calculations. Write a conclusion in context.*