

Math 206 - Quiz 7

March 28, 2018

Name _____

Score _____

Show all work to receive full credit. Supply explanations when necessary.

1. (3 points) In 2005, the average commute to work was 25 minutes with a standard deviation of 6.1 minutes. Assume that commute times are normally distributed.

(a) About what percent of commutes were between 30 and 40 minutes?

(b) About what percent of commutes were less than 15 minutes?

2. (2 points) The following table shows the numbers of chocolate chips counted in each of 24 Hannaford Chocolate Chip cookies.

11	12	12	12	13	13	13	13	14	14	14	14
14	14	15	15	15	15	16	16	16	16	17	21

Determine the quartiles and sketch the boxplot.

