

Bellwork Algebra 2 Tuesday, May 27, 2014

1. Major League Baseball specifies that balls should weigh 9 ounces. A sample of balls showed that the mean weight was 9.04 ounces with a standard deviation of 0.08 ounces.

- a) What percent of balls weigh more than 9.12 ounces?
- b) What percent of balls weigh between 8.96 and 9.20 ounces?
- c) What interval of weights contains 95% of the balls?

- f) If balls whose weight is more than 1% from the specified 9 ounces are rejected, what percent of balls are rejected?

- d) What percent of balls weigh less than 9.10 ounces?

- e) What percent of balls weigh less than 9 ounces?