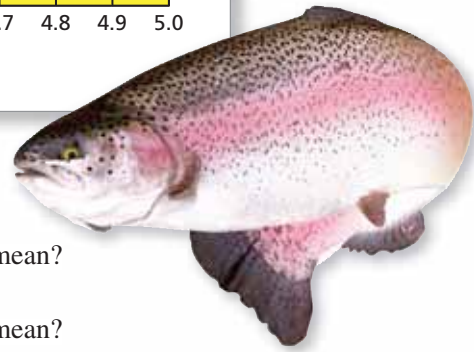
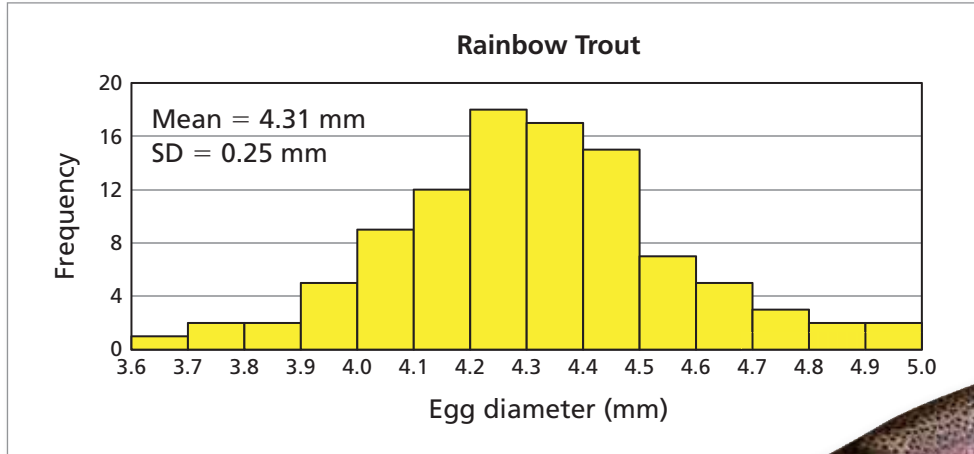


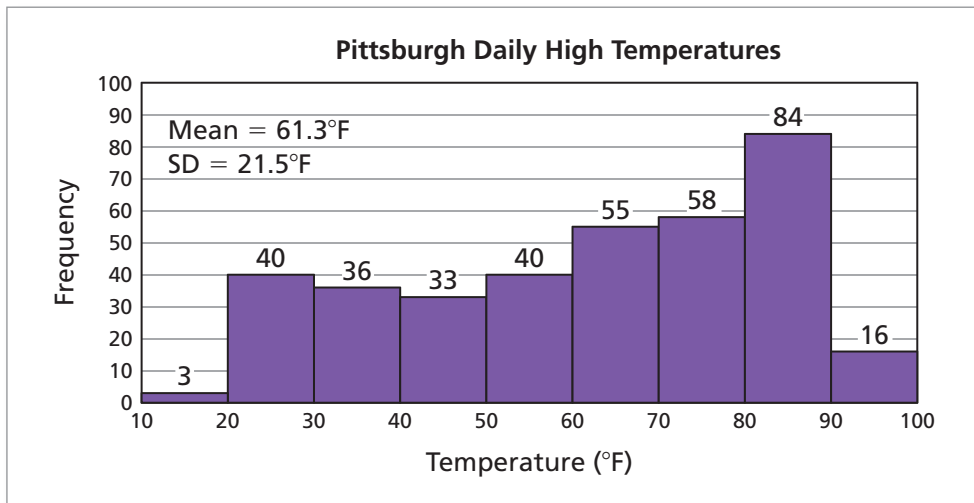
# 9.3 Exercises

**Rainbow Trout Eggs** The histogram shows the distribution of the diameters of 100 rainbow trout eggs. In Exercises 1–3, use the histogram. (See Examples 1 and 2.)



1. Describe the dispersion.
2. What percent of the diameters lie within 2 standard deviations of the mean?
3. What percent of the diameters lie within 3 standard deviations of the mean?

**Temperatures** The histogram shows the distribution of the daily high temperatures in Pittsburgh for 2010. In Exercises 4–6, use the histogram. (See Examples 1 and 2.)



4. Describe the dispersion.
5. What percent of the temperatures lie within 1 standard deviation of the mean?
6. What percent of the temperatures lie within 2 standard deviations of the mean?