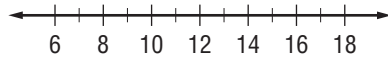


Lesson 3 Homework Practice

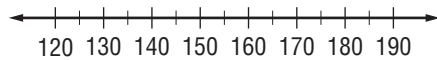
Box Plots

Draw a box plot for each set of data.

1. ages of children taking dance classes: 10, 8, 9, 7, 10, 12, 14, 14, 10, 16

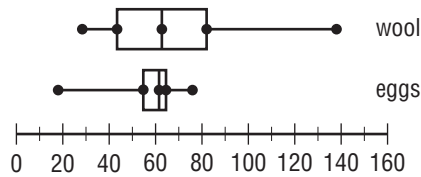


2. prices, in dollars, of bicycles: 150, 134, 136, 120, 145, 170, 125, 130, 145, 190, 140



3. **PRODUCTS** Use the box plot that shows the average prices in cents per pound farmers received for eggs and wool.

Prices per pound received (¢)



- How do the median egg prices and the median wool prices compare?
- How do the range in egg prices and the range in wool prices compare?
- In the wool prices, which quartile shows the greatest spread of data?
- About what percent of the data for the wool prices is above the third quartile for the egg prices?
- In general, do farmers get higher prices for eggs or wool? Justify your reasoning.