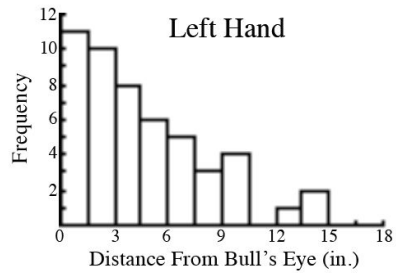
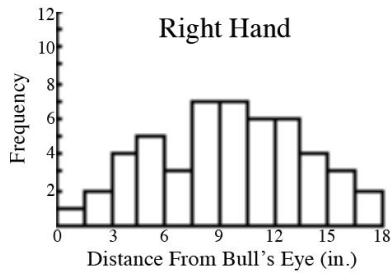


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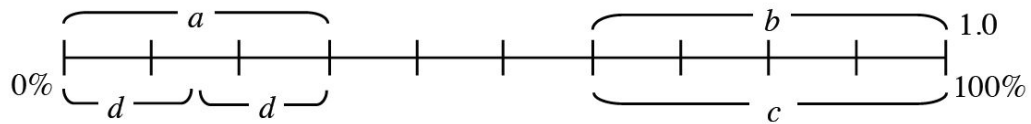
Lesson 8.1.2 Homework

**8-23.** The two histograms below show how precisely Lue threw 50 darts with his right hand and then 50 with his left hand. Study the two histograms.



- Estimate what the box plots would look like and make a parallel box plot.
- Compare the center, shape, spread, and outliers between Lue's left hand and right hand.
- Is Lue more precise throwing with his right hand or with his left hand?
- Use the box plot to estimate how many IQRs above the median Lue's better hand is. Explain your thinking.

**8-24.** Find the missing lengths or values on the diagram below. Assume that the line is evenly divided.



**8-25.** Joaquin has agreed to lend his younger brother \$45 so that he can buy a new tank for his pet lizard. Joaquin is charging his brother 2% simple interest per month. If his brother pays him back in 6 months, how much will Joaquin get back?

**8-26.** Michaela holds her state high school record for the 500-meter freestyle swimming event. She can swim the event in 4 minutes and 50 seconds. At this same rate, how far will she swim in 10 minutes?