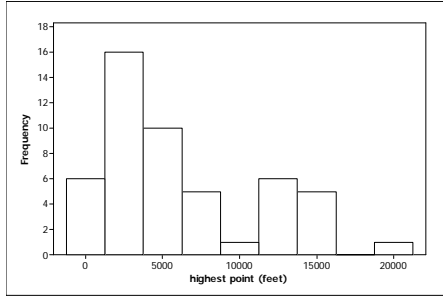


# STAT 251 Statistical Inference for Management I Winter 2012

## Quiz 6

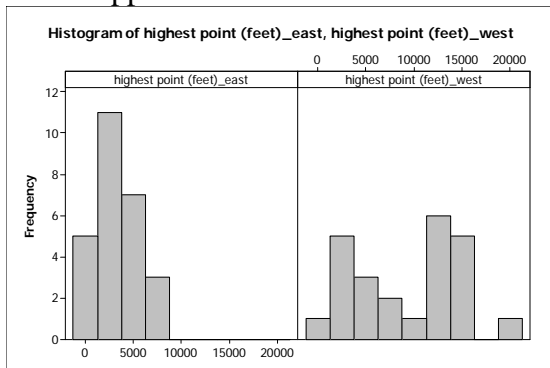
Assigned on Tues Jan 17; due on Wed Jan 18. You may work with one partner, submitting one quiz with both names, provided that you both contribute to the work. You may use your notes.

The following histogram displays the distribution of tallest peaks (in feet) for each of the 50 states:



1. Sixteen states have a tallest peak between what two values?
2. Would you describe the shape of this distribution as symmetric, skewed to the left, or skewed to the right?
3. Between what two values does the middle value fall?

The following histograms separate these states by which are east and which are west of the Mississippi River:



4. Which region (east or west) tends to have higher peaks?
5. Which region (east or west) has more variability in its highest points?