

Written Homework 2, due Thursday, 3 July 2008

Chapter 3 Review Exercises, page 131

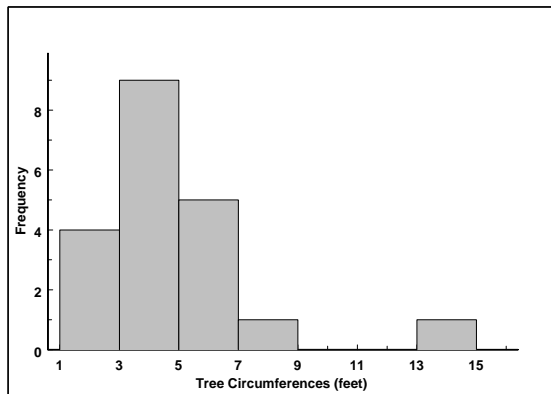
Problem 1—you need to show your work to get credit for this or indicate which functions you used via calculator, or which software you used. If you use Excel, print off the page with the results. Answers for quartiles and percentiles could vary a bit, depending on the method used to calculate the quantities.

- a) 4.54 ft
- b) 3.95 ft
- c) 1.8 ft, 3.7 ft, 5.1 ft
- d) 7.75 ft
- e) 11.90 ft
- f) 2.65 ft
- g) 7.03 ft^2
- h) 3.25 ft
- i) 5.15 ft
- j) 1.85 ft

Problem 2

- a) 3.46
- b) Yes, because ...
- c) No, because ...

Problem 4—do not create the histogram; rather, using the histogram given below, identify the general nature of the distribution as asked for in the problem.—I can't really give you the answers to this one



Histogram of tree circumference data from Exercise 1.

Problem 6—the score of 19 is better because ...

Problem 8—Minimum = 64 in. and maximum = 74 in. A height of 72 in. is not unusual because ...; be sure to show how you calculated the min and max.