

# Part II

## Descriptive Statistics

### Chapter 3: The Histogram

This is an important and fundamental chapter. Read and reread very carefully pages 31 to 44.

Section 3.1: Important Idea: box on page 32.

Suggested problems for study: A: pages 33–34: 1–6

Section 3.2: Important Idea: box on page 37.

Suggested problems for study: B: page 38: 1

Section 3.3: Important Idea: box on page 40

Suggested problems for study: C: pages 41–42: (all) 1–4

Section 3.4: **Very** Important Idea: last paragraph on page 43 and graph on top of page 44.

Suggested problems for study: D: page 44: (all) 1–2

Section 3.5: (Light Treatment). Look at problem 2 on pages 46–47.

Section 3.6: (Light Treatment). Look at problem 1 on page 48.

Section 3.7 is optional reading.

**Chapter Summary:** page 56: points 1–4 are important.

### Review Exercises

**Homework:** 1, 3 (but only answer 3a, 3b, 3c — don't draw the histogram in problem 3), 5, 8

### Comments on HW:

In Problem 1, just give a simple answer. Don't get too fancy.

Problem 5 is the key problem. Take a careful look to make sure you know what is going on.

For Problem 8, it might be a good idea to answer part (c) first.

Also look at problems 2, 4, and 7 on pages 50–52, and to a lesser extent problems 6 and 9 on pages 52–53.