

Problems in this assignment come from the course textbook. They are identified as problem  $xx.yy$ , where  $xx$  represents the chapter and  $yy$  the problem within that chapter.

1. Use the table in Problem 6.9 to answer the following questions.
  - a. Using the midpoint for each category, and letting the midpoint for the first category be 12, find the mean age of the distribution.
  - b. What is the probability that a woman who gave birth in 1992 was between 20 and 34?
2. Problem 6.10. For part (c), Medicare, Medicaid and Other government programs are the three entries that make up the Government programs category.
3. Problem 7.10
4. Problem 7.12
5. Problem 7.13
6. Problem 7.14
7. Problem 7.17
8. Problem 8.3