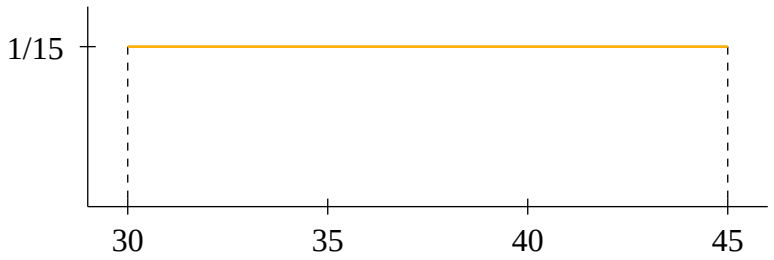
Homework Solutions
Chapter 7 – Page 481

Exercise 66(a)-(c)

(a)



(b) The mean waiting time is 37.5 minutes. The distribution is symmetric, so the mean must be in the middle.

(c) Six weeks is 42 days. The probability of waiting at least 42 days is represented by the area under the graph from 42 to 45. That area is $\frac{3}{15} = \frac{1}{5}$.