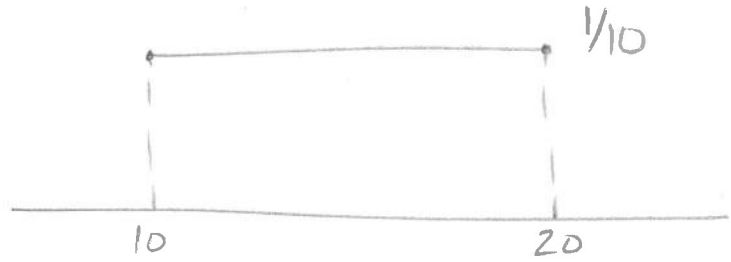


5.4

Refer to Exercise 5.3. Find the following probabilities:

- a. $P(10 \leq x \leq 25)$
- b. $P(20 < x < 30)$
- c. $P(x \geq 25)$
- d. $P(x \leq 10)$
- e. $P(x \leq 25)$
- f. $P(20.5 \leq x \leq 25.5)$



a. $P(10 \leq x \leq 25) = 1$

b. $P(20 < x < 30) = 0$

c. $P(x \geq 25) = 0$

d. $P(x \leq 10) = 0$

e. $P(x \leq 25) = 1$

f. $P(20.5 \leq x \leq 25.5) = 0$