Example

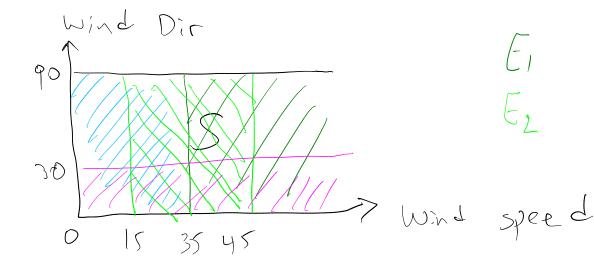
Example

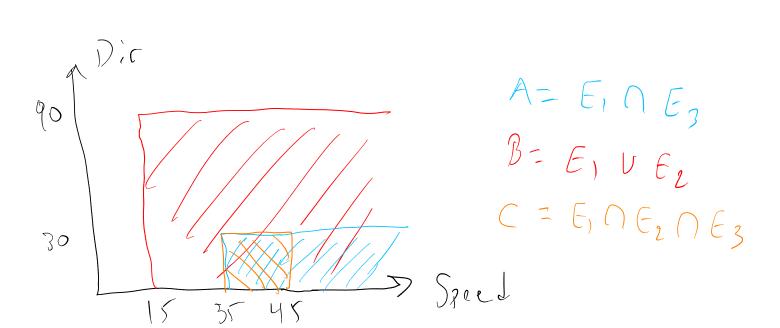
$$R_{A} \in [0, 100]$$
 $S = [0, 100]$
 $P(10 \le R_{A} \le 20) = \frac{10}{100} = 0.1$
 $P(R_{A} 7, 60) = \frac{40}{100} = 0.4$

Hands-on exercise

7) (Anbnce) U(Anbence) V(Acnbnce)

Problem 1





Problem 2

Problem 3

Shortage in oity
$$C = E_1 \cap E_2 \cup E_3$$

No shortage = $(E_1 \cap E_1 \cup E_3)^c =$
= $(E_1 \cup E_3)^c = (E_1 \cap E_2 \cup E_3)^c =$
= $(E_1^c \cup E_2^c) E_3^c$
Shortage in $D = E_1 \cap E_2 \cup E_3 \cup E_4$
no shortage = $(E_1 E_2 \cup E_3 \cup E_4)^c =$
= $(E_1 E_2)^c E_3^c E_4^c = (E_1^c \cup E_2^c) E_3^c E_4^c$