

NCERT Exemplar Solutions by Dev Anoop (Bathinda)  
Probability, Ex 13.3

(35) Box A

$$\begin{aligned} \text{total slips} &= 25 \\ \text{slips marked Re 1} &= 19 \\ \text{slips marked Rs 5} &= 25 - 19 \\ &= 6 \end{aligned}$$

Box B

$$\begin{aligned} \text{total slips} &= 50 \\ \text{slips marked Re 1} &= 45 \\ \text{slips marked Rs 10} &= 50 - 45 \\ &= 5 \end{aligned}$$

Box A + Box B

$$\begin{aligned} \text{total slips} &= 25 + 50 \\ &= 75 \end{aligned}$$

$$\begin{aligned} P(\text{slip marked Re 1}) &= \frac{19 + 45}{75} \\ &= \frac{64}{75} \end{aligned}$$

$$\begin{aligned} P(\text{slip marked other than Re 1}) &= 1 - \frac{64}{75} \\ &= \frac{75 - 64}{75} \\ &= \frac{11}{75} \end{aligned}$$