

86 (d) $P(\text{less than } 1) = 0$

(e) $P(\text{factor of } 36) = \frac{5}{6}$ (1, 2, 3, 4, 6)

(f) $P(\text{factor of } 6) = \frac{4}{6}$ (1, 2, 3, 6)
2
3

87 (a) certain to happen

(b) may or may not

(c) certain to happen

(d) impossible to happen

(e) impossible to happen

(f) may or may not

88. —

89. $P(\text{white ball}) = \frac{2}{9}$

$$\begin{aligned} \text{no. of white balls} &= \frac{2}{9} \times 36 \\ &= 8 \end{aligned}$$

$$\begin{aligned} \text{no. of yellow balls} &= 36 - 8 \\ &= 28 \end{aligned}$$