

$$10. \text{ no. of 50p coins} = 100$$

$$\text{no. of Re 1 coins} = 50$$

$$\text{no. of Rs 2 coins} = 20$$

$$\text{no. of Rs 5 coins} = 10$$

$$P(50p \text{ coin}) = \frac{100}{180}$$

$$= \frac{5}{9}$$

$$P(\text{not Rs 5 coin}) = \frac{100+50+20}{180}$$

$$= \frac{170}{180}$$

$$= \frac{17}{18}$$

$$11. \text{ no. of male fish} = 5$$

$$\text{no. of female fish} = 8$$

$$\text{total fish} = 5 + 8$$

$$= 13$$

$$P(\text{male fish}) = \frac{5}{13}$$

$$12. P(8) = \frac{1}{8}$$

$$P(\text{greater than 2}) = \frac{6}{8}$$

$$= \frac{3}{4}$$

$$P(\text{less than 9}) = \frac{8}{8}$$

$$= 1$$