

Ques for practice (ME / NOT ME).

- ① Two cards are drawn at random from a pack of cards. Find the probability that both these cards are of black colour or both are red.

Ans! - $\frac{55}{221}$

- ② A card is drawn at random from a pack of 52 cards. Find the prob. that it is heart or a face card or an ace.

Ans $\frac{25}{52}$

- ③ From a set of 17 cards, number 1, 2, 3, ..., 16, 17 one is drawn at random. Show that the chance that its number is divisible by 3 or 5 or 7 is $\frac{9}{17}$.

- ④ Find the probability of drawing either an ace or a spade or both from a pack of cards.

Ans: $\frac{1}{3}$

- ⑤ An integer is chosen at random from the first two hundred positive integers. What is the probability that the integer chosen is divisible by (i) 6 or 8 (ii) 6 or 8 or 10.

Ans. (i) $\frac{1}{4}$ (ii) $\frac{3}{10}$