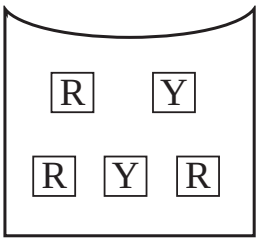
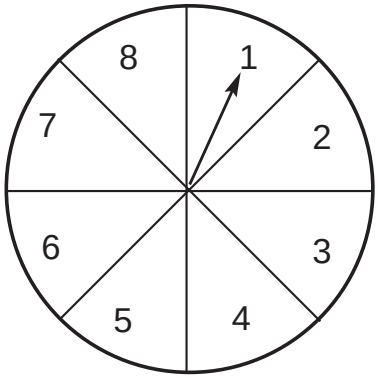
13. PROBABILITY

1. The probability of getting king or queen card from the play cards (1 deck) ____
2. Among the numbers 1, 2, 3….15 the probability of choosing a number which is a multiple of 4 is ____
3. Gita said that the probability of impossible events is 1, Pravallika said that probability of sure events is 0 and Gowthami said that the probability of any event lies in between 0 & 1. In above with whom you will agree ____
4. The probability of a sure event is ____
5. If a die is rolled then the probability of getting an even number is ____
6. P(E) = 0.2 then P($\overline{E}$) ____
7. No of playing cards in a deck of cards is ____
8. In a single throw of two dice the probability of getting distinct number is ____
9. A card is pulled from a desk of 52 cards, the probability of obtaining a club is ____
10. $P(x) + P(\overline{x}) =$_____
11. P(E)=1/2 then P (not E) = ____
12. If two dice are rolled at a time then the probability that the two faces show same number is ____
13. If three coins are tossed simultaneously then the probability of getting at least two heads is ____
14. ____ is probability that a leap year has 53 mondays.
15. A number is selected from numbers 1 to 25. The probability that it is prime is
16. R = Red, Y = yellow, from the figure, the probability to get yellow colour ball is ____



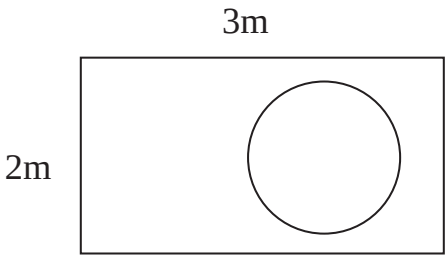
17. A game of chance consists of spinning an arrow which comes to rest at one of the number 1, 2, 3, 4, 5, 6, 7, 8 and these are equally likely outcomes the possibilities that the arrow will point at a number greater than 2 is ____



18. When a die is thrown once, the possible number of outcomes is ____
19. The probability of an event lies between ____ and ____
20. If two events have same chances to happen then they are called ____
21. In a single throw of two dice, the probability of getting distance, numbers is ____

22. $P(E) = \frac{1}{3}$ then $P(\overline{E}) =$ _____
23. "The book on games of chance" was written by ____
24. Getting "7" when a single die is throw is an example of ____
25. The probability of a baby born either boy (or) girl is ____
26. When a die is thrown the event of getting numbers less than or equal to 6 is an example ____ event
27. If a card is drawn from a pack the probability that it is a king is ____
28. The probability of an event that cannot happen is ____
29. The probability of an event is 1.5. Is it true (or) false ____
30. If a two digit number is chosen at random that the probability that the number chosen is a multiple of 3 is ____
31. A number is selected at random from the numbers 3, 5, 5, 7, 7, 7, 9, 9, 9, 9. Then the probability that the selected number is their average is ____
32. If a number X is chosen from the number 1, 2, 3 and a number Y is selected from the numbers 1, 4, 9 then p(xy<9) is ____

33. A card is drawn dropped from a pack of 52 playing cards the probability that it is an ace is ____
34. Suppose you drop a die at random on the rectangular region shown in the figure what is the probability that it will land inside the circle with diameter m ____



ANSWERS

1) 1/13; 2) 1/5; 3) Gowthami; 4) 1; 5) 1/2;
6) 0.8; 7) 52; 8) 5/6; 9) 1/4; 10) 1;
11) 1/2; 12) 1/6; 13) 1/2; 14) 2/7; 15) 9/25; 16) 2/5; 17) 3/4; 18) 6; 19) 0, 1; 20) equally likely events; 21) $6^2 = 36$; 22) 2/3; 23) J.Cardon; 24) impossible; 25) 1/2; 26) sure; 27) 1/13; 28) 0; 29) false; 30) 1/3; 31) 3/10; 32) 5/6; 33)1/13; 34) 11/84.