1. Teesha is in the chess club. There are 23 students in the club. Two of them will be picked at random to attend an awards banquet. What is the probability that Teesha will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{21}{23}$ [B] $\dfrac{2}{23}$ [C] $\dfrac{23}{21}$ [D] $\dfrac{23}{2}$

2. Dan is in the bicycling club. There are 30 students in the club. Five of them will be picked at random to attend an awards banquet. What is the probability that Dan will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{6}{5}$ [B] $\dfrac{1}{6}$ [C] $\dfrac{13}{15}$ [D] $\dfrac{5}{6}$

3. Diego is in the French club. There are 29 students in the club. Three of them will be picked at random to attend an awards banquet. What is the probability that Diego will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{3}{29}$ [B] $\dfrac{29}{3}$ [C] $\dfrac{29}{26}$ [D] $\dfrac{26}{29}$

4. Hiro is in the bowling club. There are 32 students in the club. Four of them will be picked at random to attend an awards banquet. What is the probability that Hiro will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{7}{8}$ [B] $\dfrac{1}{8}$ [C] $\dfrac{8}{7}$ [D] $\dfrac{29}{32}$

5. Teesha is in the bicycling club. There are 25 students in the club. Two of them will be picked at random to attend an awards banquet. What is the probability that Teesha will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{2}{25}$ [B] $\dfrac{25}{23}$ [C] $\dfrac{23}{25}$ [D] $\dfrac{25}{2}$

6. Hiro is in the French club. There are 24 students in the club. Five of them will be picked at random to attend an awards banquet. What is the probability that Hiro will *not* be randomly chosen to attend the banquet?

   [A] $\dfrac{24}{5}$ [B] $\dfrac{19}{24}$ [C] $\dfrac{5}{24}$ [D] $\dfrac{24}{19}$

7. Dan is in the bowling club. There are 21 students in the club. Three of them will be picked at random to attend an awards banquet. What is the probability that Dan will *not* be randomly chosen to attend the banquet?

[A] $\dfrac{7}{6}$ [B] $\dfrac{6}{7}$ [C] $\dfrac{1}{7}$ [D] $\dfrac{19}{21}$

8. Diego is in the chess club. There are 28 students in the club. Four of them will be picked at random to attend an awards banquet. What is the probability that Diego will *not* be randomly chosen to attend the banquet?

[A] $\dfrac{25}{28}$ [B] $\dfrac{1}{7}$ [C] $\dfrac{6}{7}$ [D] $\dfrac{7}{6}$

9. Hiro is in the bowling club. There are 22 students in the club. Two of them will be picked at random to attend an awards banquet. What is the probability that Hiro will *not* be randomly chosen to attend the banquet?

[A] $\dfrac{1}{11}$ [B] $\dfrac{10}{11}$ [C] $\dfrac{11}{10}$ [D] $\dfrac{21}{22}$

10. Dan is in the bicycling club. There are 27 students in the club. Five of them will be picked at random to attend an awards banquet. What is the probability that Dan will *not* be randomly chosen to attend the banquet?

[A] $\dfrac{22}{27}$ [B] $\dfrac{5}{27}$ [C] $\dfrac{27}{22}$ [D] $\dfrac{27}{5}$

11. A spinner is evenly divided into 9 equal areas and numbered from 1 through 9. What is the probability of spinning a number less than 4 in a single spin?

[A] $\dfrac{5}{9}$ [B] $\dfrac{4}{9}$ [C] $\dfrac{2}{3}$ [D] $\dfrac{1}{3}$

12. A spinner is evenly divided into 8 equal areas and numbered from 1 through 8. What is the probability of spinning a number less than 4 in a single spin?

[A] $\dfrac{1}{2}$ [B] $\dfrac{1}{4}$ [C] $\dfrac{5}{8}$ [D] $\dfrac{3}{8}$

13. A spinner is evenly divided into 9 equal areas and numbered from 1 through 9. What is the probability of spinning a number less than 3 in a single spin?

[A] $\dfrac{2}{9}$ [B] $\dfrac{2}{3}$ [C] $\dfrac{7}{9}$ [D] $\dfrac{1}{3}$

14. A spinner is evenly divided into 10 equal areas and numbered from 1 through 10. What is the probability of spinning a number less than 3 in a single spin?

[A] $\dfrac{7}{10}$ [B] $\dfrac{4}{5}$ [C] $\dfrac{1}{5}$ [D] $\dfrac{3}{10}$

15. A spinner is evenly divided into 8 equal areas and numbered from 1 through 8. What is the probability of spinning a number less than 3 in a single spin?

[A] $\dfrac{3}{4}$ [B] $\dfrac{3}{8}$ [C] $\dfrac{1}{4}$ [D] $\dfrac{5}{8}$

16. A spinner is evenly divided into 9 equal areas and numbered from 1 through 9. What is the probability of spinning a number less than 7 in a single spin?

[A] $\dfrac{2}{3}$ [B] $\dfrac{7}{9}$ [C] $\dfrac{1}{3}$ [D] $\dfrac{2}{9}$

17. A spinner is evenly divided into 10 equal areas and numbered from 1 through 10. What is the probability of spinning a number less than 4 in a single spin?

[A] $\dfrac{3}{5}$ [B] $\dfrac{7}{10}$ [C] $\dfrac{3}{10}$ [D] $\dfrac{2}{5}$

18. A spinner is evenly divided into 8 equal areas and numbered from 1 through 8. What is the probability of spinning a number less than 6 in a single spin?

[A] $\dfrac{3}{4}$ [B] $\dfrac{1}{4}$ [C] $\dfrac{5}{8}$ [D] $\dfrac{3}{8}$

19. A spinner is evenly divided into 9 equal areas and numbered from 1 through 9. What is the probability of spinning a number less than 6 in a single spin?

[A] $\dfrac{2}{3}$ [B] $\dfrac{4}{9}$ [C] $\dfrac{5}{9}$ [D] $\dfrac{1}{3}$

20. A spinner is evenly divided into 10 equal areas and numbered from 1 through 10. What is the probability of spinning a number less than 5 in a single spin?

[A] $\dfrac{3}{10}$ [B] $\dfrac{3}{5}$ [C] $\dfrac{2}{5}$ [D] $\dfrac{1}{2}$

21. A box contains 5 green, 6 yellow, and 3 purple balls. Find the probability of obtaining a green ball in a single random draw.

22. A box contains 5 green, 7 yellow, and 3 purple balls. Find the probability of obtaining a yellow ball in a single random draw.

23. A box contains 4 green, 2 yellow, and 3 purple balls. Find the probability of obtaining a purple ball in a single random draw.

24. A box contains 3 green, 4 yellow, and 6 purple balls. Find the probability of obtaining a green ball in a single random draw.

25. A box contains 2 green, 7 yellow, and 6 purple balls. Find the probability of obtaining a purple ball in a single random draw.

26. A box contains 4 green, 7 yellow, and 6 purple balls. Find the probability of obtaining a yellow ball in a single random draw.

27. A box contains 2 green, 4 yellow, and 6 purple balls. Find the probability of obtaining a yellow ball in a single random draw.

28. A box contains 2 green, 7 yellow, and 3 purple balls. Find the probability of obtaining a purple ball in a single random draw.

29. A box contains 5 green, 3 yellow, and 6 purple balls. Find the probability of obtaining a green ball in a single random draw.

30. A box contains 5 green, 7 yellow, and 6 purple balls. Find the probability of obtaining a yellow ball in a single random draw.

31. Determine the probability that you will roll a number less than 6 on a number cube.

32. Determine the probability that you will roll a number different from 11 on a number cube.

33. Determine the probability that you will roll a number greater than 1 on a number cube.

34. Determine the probability that you will roll the number 3 on a number cube.

35. Determine the probability that you will roll a number greater than 3 on a number cube.