

Direction: Select the letter of the correct answer.

- 1) What is the probability that when you roll two fair six-sided dice, the numbers you will obtain are equal?
(A) $\frac{1}{3}$
(B) $\frac{1}{2}$
(C) $\frac{1}{6}$
(D) $\frac{1}{9}$

- 2) Suppose that you randomly select a card from a standard deck of playing cards. What is the probability that the card you will obtain is either a queen or a spade?
(A) $\frac{2}{13}$
(B) $\frac{4}{13}$
(C) $\frac{5}{13}$
(D) $\frac{6}{13}$

- 3) What is the probability that when you roll a fair six-sided die, the result is a composite number?
(a) $\frac{1}{3}$
(b) $\frac{1}{6}$
(c) $\frac{1}{2}$
(d) 1

- 4) What is the probability that when you roll two fair six-sided dice, the numbers you will obtain will have a sum smaller than 15?
(a) 0
(b) 1
(c) 0.5
(d) 0.33

- 5) Suppose that you will randomly select a value for X for the number 1456X. You can only select from whole numbers 0 to 9. What is the probability that the value for X that you will obtain will make 1456X a number divisible by 4?



Probability

Practice Questions

- (a) $3/10$
- (b) $\frac{2}{5}$
- (c) $\frac{1}{2}$
- (d) $\frac{1}{5}$



To get more Mathematics review materials, visit <https://filipiknow.net/basic-math/>

To God be the glory!