

CLASS IX
MULTIPLE CHOICE QUESTIONS
CHAPTER -1 [NUMBER SYSTEM]

Q.1. Every point on the number line is of the form \sqrt{k} , where k is a natural number.

- A. True**
- B. False**
- C. Not sure**
- D. Cannot be determined**

Q.2. How many irrational numbers are there between any two rational numbers ?

- A. Only 1**
- B. 2**
- C. 3**
- D. Infinite**

Q.3. Every real number is either _____ number or _____ number.

- A. rational, irrational**
- B. irrational, irrational**
- C. rational, rational**
- D. Cannot be determined**



Q.4. The number 0.123925191236123925191236..... is :-

- A. Irrational number**
- B. Natural number**
- C. Rational number**
- D. Integer**

Q.5. Which of the following is an irrational number ?

- A. $\sqrt{81}$**
- B. $\sqrt{1764} / \sqrt{1849}$**
- C. $\sqrt{10}$**
- D. Both B and C**

Q.6. Which of the following is a rational number ?

- A. π**
- B. $4/0$**
- C. $0/9$**
- D. Both B and C**

Q.7. Which of the following numbers lie between 0.22 and 0.23 ?

- A. 0.22135962.....**
- B. 0.2521961001.....**
- C. 0.23230001.....**
- D. Both A and C**



Q.8. Find the value of $(\sqrt{10} - 5)(\sqrt{10} + 5)$

- A. 15
- B. -15
- C. 25
- D. -25

Q.9. Every rational number is a whole number.

- A. True
- B. False
- C. Not sure
- D. Cannot be determined

Q.10. The eighth root of x divided by the seventh root of x , is :-

- A. \sqrt{x}
- B. $x^{1/56}$
- C. $x^{-1/56}$
- D. None of these
