REAL NUMBERS

CLASS IX - WORKSHEET

Choose Correct option

1 $\sqrt{2}$ / 5 is :

- A a rational
- B an irrational
- C a and b
- D imaginary

2 The square root of 16 is:

- A 2
- B 4
- C 8
- D 16

3 Which of the following is a natural number?

- A −2
- B 0
- C 1/2
- D 3

4 Which of the following is an irrational number?

- A 0.5
- B 1.414213...
- C 2/3
- D 0

5 Which of the following is a terminating decimal?

- A 1/3
- B 0.625
- C $\sqrt{2}$
- D 0.333...

6 The number 0 is:

- A A rational number
- B An irrational number
- C A natural number
- D Neither rational nor irrational

7 Rationalising factor of $(5 - \sqrt{7})$

- A $(5 - \sqrt{7})$
- B $(5 + \sqrt{7})$
- C 0
- D 1

8 The sum of a rational number and an irrational number is always:

- A Rational
- B Irrational
- C Integer
- D Whole number

9 Which of the following is a prime number?

- A 1
- B 2
- C 4
- D 6

10 $(\sqrt{11} + 3)(\sqrt{11} - 3) =$

- A 8
- B 22
- C 2
- D 0

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LIVEWORKSHEETS