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

Ramaswamy Kodam

LIVEWORKSHEETS