



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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