

Mathematics

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(Chapter – 1) (Number Systems)(Exemplar Problems)

(Class – IX)

Exercise 1.1

Write the correct answer in each of the following:

Question 5:

The decimal expansion of the number $\sqrt{2}$ is

- (A) a finite decimal
- (B) 1.41421
- (C) non-terminating recurring
- (D) non-terminating non-recurring.

Answer 5:

(D) non-terminating non-recurring.

Solution:

As $\sqrt{2}$ is an irrational number, so its decimal representation will be non – terminating non – recurring.

