



I B Patel English School (Primary)

2020 -2021

Class – 9

WORKSHEET

Subject – Maths

Chapter : 1 (Numbers System)

Question-1

Complete the following:

(i) Every point on the number line corresponds to a number which may be either or

(ii) The decimal form of an irrational number is neither nor

(iii) The decimal representation of the rational number $\frac{8}{27}$ is

(iv) 0 is number. [Hint: a rational /an irrational]

Question-2

How many rational numbers and irrational numbers can be inserted between 2 and 3 ?

Question-3

Insert a rational and an irrational number between 2 and 3.

Question-4

Find three rational numbers lying between $-\frac{2}{5}$, $-\frac{1}{5}$.

Question-5

Give an example for each, if two irrational numbers, whose

- (i) difference is a rational number.
- (ii) difference is a irrational number.
- (iii) sum is a rational number.
- (iv) sum is an irrational number.
- (v) product is an irrational number,
- (vi) product is an irrational number.
- (vii) quotient is a rational number.
- (viii) quotient is an irrational number.