Cosmo School

Class – 7

Chapter – 1

Rational and Irrational Number

Lecture sheet – 1

Solution

1.

Number	Sq. Number	Number	Sq. Number	Number	Sq. Number	Number	Sq. Number
1	1	6	36	11	121	16	256
2	4	7	49	12	144	17	289
3	9	8	64	13	169	18	324
4	16	9	81	14	196	19	361
5	25	10	100	15	225	20	400

2. If a number has any of the digit 0, 1, 4, 5, 6, 9 in its unit place then it can be square number.

3. √ ,

4. If a number has any of the digit 2, 3, 7, 8 in its unit place then it can never be a perfect square.

5. 6

6. 9

7. 1

8. 6

9. 1

10. The numbers 2062, 1057, 23453, 33333, 1068 are not perfect square because the value of their root is not natural number.