

Class 9 Mathematics - The World of Numbers

Name: _____

Date: _____

Advanced Worksheet 1

Questions

1. Locate $\sqrt{2}$ on the number line using the diagram.
2. Between which two integers does $\sqrt{2}$ lie?
3. Is $\sqrt{2}$ a rational or irrational number?
4. Write the decimal value of $\sqrt{2}$ correct to two decimal places.
5. Is $\sqrt{2}$ greater than 1.4?
6. Is $\sqrt{2}$ less than 1.5?

Answer Key

1. Approximately 1.414
2. Between 1 and 2
3. Irrational
4. 1.41
5. Yes
6. Yes