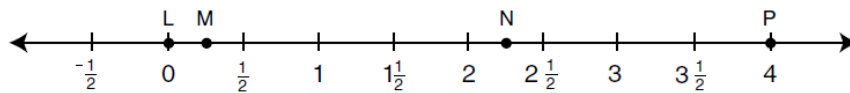# Grade 9 Mathematics Worksheet

Properties of rational numbers and zero

Questions:

1.   Which number on the number line below has a square root that is greater than itself?

A)   L
B)   M
C)   N
D)   P

Solution

1.   (B) – At M since at N and P the number is bigger than 1, so its root will be smaller than the number. At L the value is zero and the root of zero is zero. So between 0 and 1, the numbers are rational where the denominators are always bigger than the numerators.

This question can also be asked at grade 8 level.