

Number System

Solution of Exercise 1.2:

Question 1:

- (i) **True**, Since real numbers are the collection of rational and irrational numbers..
 - (ii) **False**, negative number cannot be in the form of square root..
 - (iii) **False**, for example 4 is a real number but not the irrational number.
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Question 2: No, For Example $\sqrt{4} = 2$,
 $\sqrt{9} = 3$

Question 3: Using Pythagoras, between 2 and 1 results $\sqrt{5}$

