Real Numbers

1) Represent 5/3 and -5/3 on the number line.

2) Find two rational numbers between 3 and 4 by mean method.

3) Express 7/16,10/7 and 2/3 in decimal form.

4) Express 3.28 in the form of p/q(where p and q are integers, q not equal to zero).

5) Express 1.6262... in p/q form where q is not equal to zero and p,a are integers

6) Locate$\sqrt{2}$ on number line.

7) Locate$\sqrt{3}$ on number line.

8) Find any two rational numbers between 1/5 and 2/7.

9) Find any two irrational numbers between 0.7 and 0.77

10) Visualise 2.874 on the number line using successive magnification.

11) visualise 5.2828.. on the number line,up to 3 decimal places.

12) Subtract $5\sqrt{3} + 7\sqrt{5}$ form $3\sqrt{5} - 7\sqrt{3}$

13) Multiply $6\sqrt{3}$ with $13\sqrt{3}$

14) Rationalise the denominator of $1/4+\sqrt{5}$

15) If $x=7+4\sqrt{3}$ then find the vlaue of $x+1/x$