

Kotwal National Institute of Teaching

Subject: Mathematics

Class: 10th

Instructions.....

- Do all the assignment projects on separate pin pages or A4 pages if available and notebook work on your school note book.

Chapter-1Real numbers...

Projects...

- Do all the definitions that arhave already been done in class.

-Do all the algebraic formulae with verifications.

- Prepare a chart of real numbers as already discussed in class (on chart paper or A4 pages)

Notebook assignment

Practice ex.1.1 and 1.2 with all examples.

- Write all formulae of surface area and volumes as done in class 9 th.

Practice zone

Q1.Show that the cube of any positive integer is of the form $4m$, $4m+1$ or $4m+ 3$ for some integer m .

Q2. Use Euclid's division algorithm to find the HCF of 176 and 38220.

Q3. Find the HCF of 960 and 432.

Q4. Find the LCM and HCF of 120 and 144 by prime factorization.

Q5. Write the HCF of the smallest composite number and smallest prime number.

Teacher Concerning

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