HOMEWORK

INSTRUCTIONS:

- Do your work in your school register.
- Write neatly and legibly.
- Write and memorize squares and cubes from 01 to 30.
- Solve the given assignment.

Assignment . Class : IX Without dividing State whethen the following states gaining states 1 are resoninating on non Terminating suprating. (i) 13 Cii) 280 (iii) 50 3To Find four scational number b/w 3, and 4 2 Find four intrational number b)w 7 and 13 30 Grive four examples of trational numbers 240 Simplify : 5. 6. Simplify : $(10)(\sqrt{3}-\sqrt{5})(\sqrt{5}+\sqrt{3})$ (i) -J7- J4 7-25 (11) 256 + 655 -853 JE+J3 J6+J3 V6+JE 100 Find a and b. if J7-1 _ J7 +2 = atby7 7. J7+1 J7-1 Represent on no line (i) J3 (ii) J5 (iii) JT7 8. Divide : 5545 by Jas 9-

a = J3 - J2 and b = J3 til2 find the value lo TP 13+2 53-53 a2 +b - 5ab the the polynomial 3x" + 5x3 -7x2 + 8x + 3 Divide by x2 + 3x + 1 and write quotient and remainder 12. Expand using identities (1) $(\sqrt{2x} + 5y - 63)^2$ (11) (7x+24 (111) (x - 54)Factoria 13. +94+22-1224-642+422 343 x3 - 64 y3 3 Find The value of the following 14 identities 1053 (1) 993 (117 (III

• Revise chapter 1& chapter 2 along with all examples.

 See this video to clear the concepts of polynomials: <u>https://youtu.be/wGs8Bk11Wto</u>

• Make a PPT on Chapter 1 – Number System (viz. Real numbers, whole numbers, integers, etc.)

IMPORTANT

• Revise the work done till date. Prepare for Periodic Test.