**NORTH POINT SENIOR SECONDARY BOARDING SCHOOL**

**WORKSHEET**

**CLASS - IX**

**MATHS**

**CHAPTER 1**

**1. Write two rational numbers between 1 and 2.**

**2. Write four rational numbers between**

**3. Express 0. in form.**

**4. Express 0. in form.**

**5. Represent on the number line.**

**6. Represent on the number line.**

**7. Write the following in decimal form and say what kind of decimal expansion each has:**

**i) ii) iii)**

**8. Express 0.999999..... in the form**

**9. Write three different irrational numbers between the rational numbers and**

**10. Visualise 3.765 on the number line, using successive magnification.**

**11. Visualise 4. on the number line, up to 4 decimal places.**

**12. Simplify each of the following expressions:**

**i))()**

**ii)()()**

**13. Rationalise the denominators of the following:**

**i)**

**ii)**

**iii)**

**14. Find**

**i)**

**ii)**

**15. Simplify:**

**i)**

**ii)**

**16. Write three numbers whose decimal expansions are non-terminating .**

**17. Write three numbers whose decimal expansions are non-recurring.**

**18. Simplify:**

**19. Rationalise the denominator:**

**i) ii) iii)**

**20. Write two irrational numbers lying between 0.2 and 0.21**

**21. Represent on the number line.**

**22. Find six rational numbers between and**

**23. Find five rational numbers between 2 and 10**

**24. Convert the following rational numbers into decimal form.**

**i) ii) iii)**

**25. Multiply and**

**26. Add ( +) and ( +)**

**27. Simplify : ( +)( -)**

**28. Visualise 6.57 on the number line, using successive magnification.**

**29. Visualise on the number line, up to 3 decimal places.**

**30. Visualise on the number line, up to 4 decimal places.**