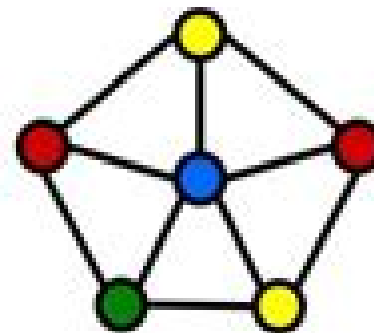
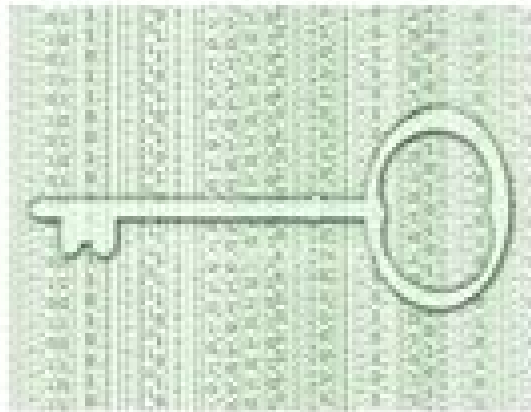
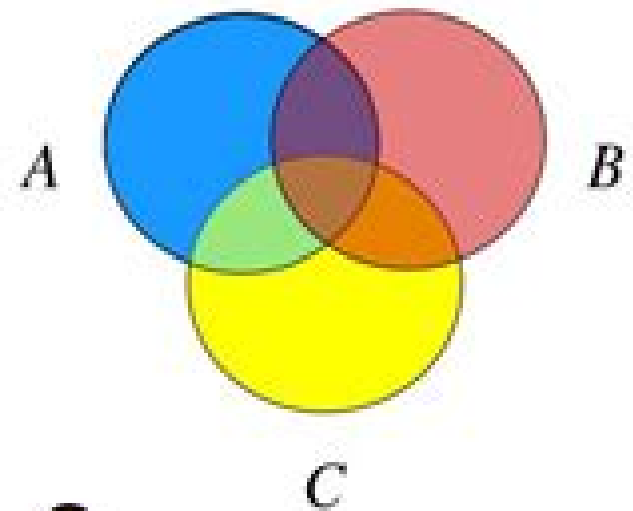


# Introduction to Discrete Mathematics

$$\frac{x_1 + x_2 + \dots + x_n}{n} \geq \sqrt[n]{x_1 \cdot x_2 \cdots x_n}$$



$$a = qb + r \implies \gcd(a, b) = \gcd(b, r)$$

# Elements Of Discrete Mathematics

**S. K. Chakrabarty**



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