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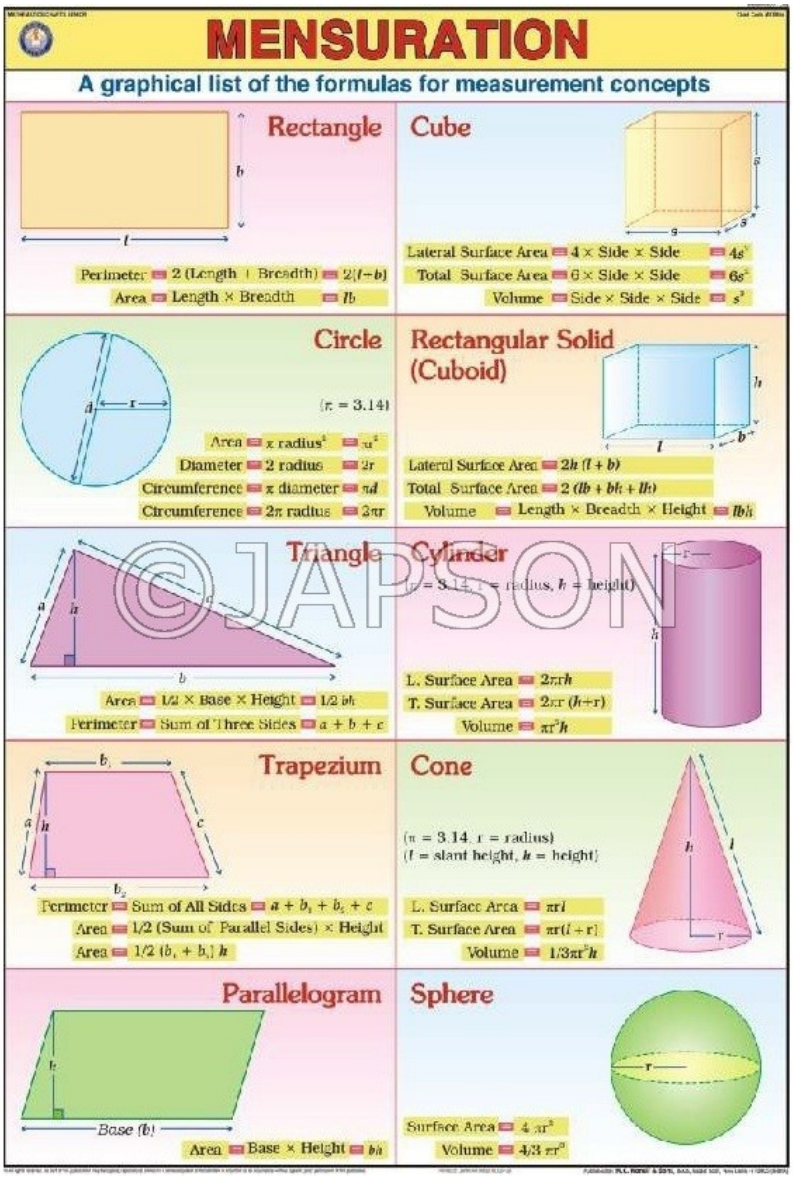
Mathematics (Senior) Charts, School Education

Product Image



Description

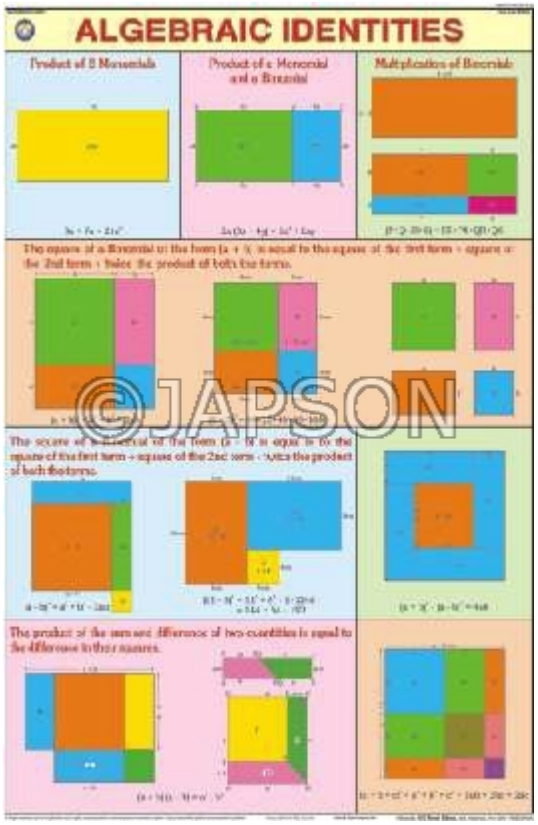
Standard Size: 70x100cms, Set of 5 Charts

Language: English

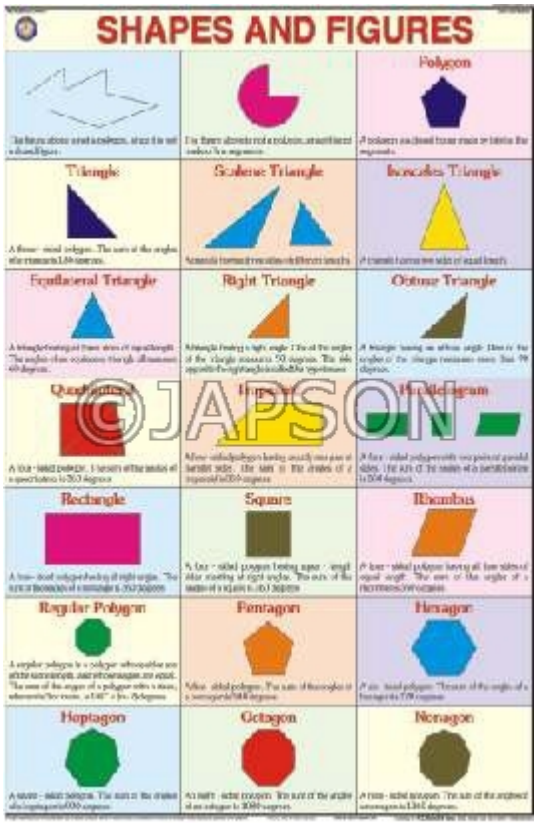
Synthetic Charts with Plastic Rollers. These Charts have technically accurate and detailed description in vivid colours.

Note: Based on minimum order quantity conditions, Charts can be customized to your requirements in terms of CONTENT, LANGUAGE, SIZE, etc. Please write back to us for discussion.

A. Charts, Algebraic Identities

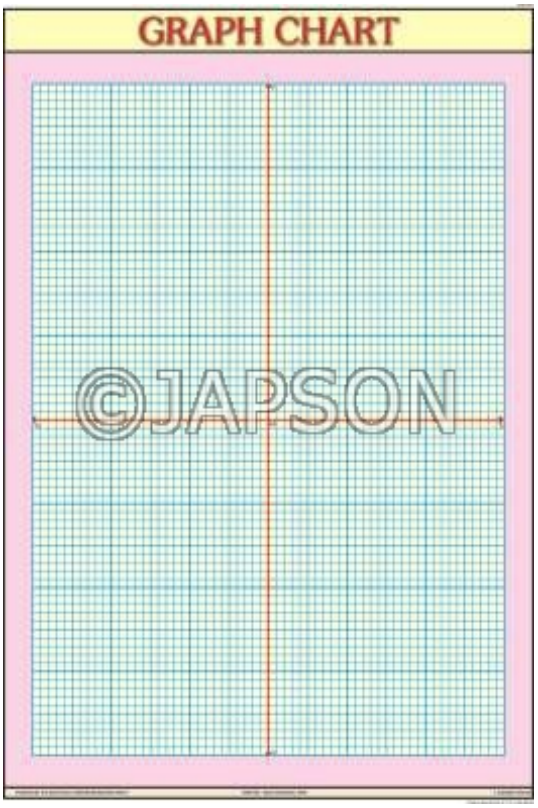


B. Charts, Shaped And Figures



C. Charts, Mathematical Symbol

D. Charts, Graph

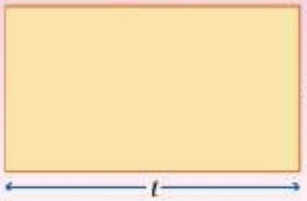


E. Charts, Mensuration

MENSURATION

A graphical list of the formulas for measurement concepts

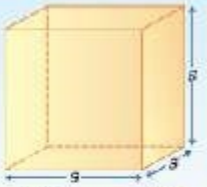
Rectangle



Perimeter = 2 (Length + Breadth) = $2(l+b)$

Area = Length × Breadth = lb

Cube

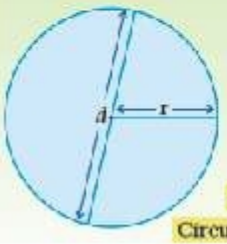


Lateral Surface Area = 4 × Side × Side = $4s^2$

Total Surface Area = 6 × Side × Side = $6s^2$

Volume = Side × Side × Side = s^3

Circle



($\pi = 3.14$)

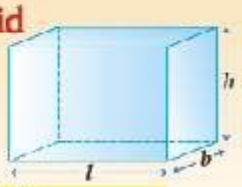
Area = π radius^2 = πr^2

Diameter = 2 radius = $2r$

Circumference = π diameter = πd

Circumference = 2π radius = $2\pi r$

Rectangular Solid (Cuboid)

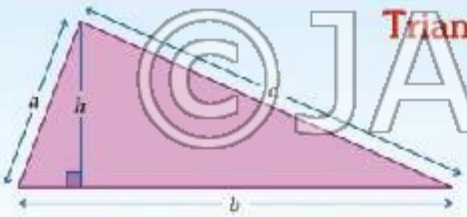


Lateral Surface Area = $2h\,(l + b)$

Total Surface Area = $2\,(lb + bh + lh)$

Volume = Length × Breadth × Height = lbh

Triangle

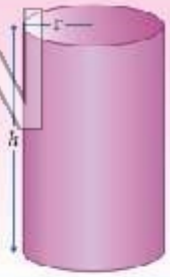


Area = 1/2 × Base × Height = $1/2\,bh$

Perimeter = Sum of Three Sides = $a + b + c$

Cylinder

($\pi = 3.14$, r = radius, h = height)

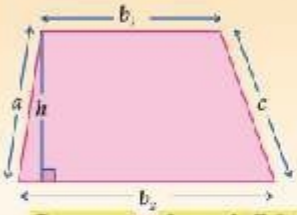


L. Surface Area = $2\pi rh$

T. Surface Area = $2\pi r\,(h+r)$

Volume = $\pi r^2 h$

Trapezium



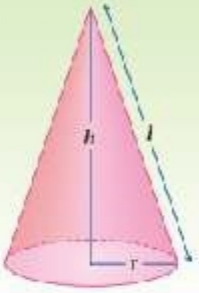
Perimeter = Sum of All Sides = $a + b_1 + b_2 + c$

Area = 1/2 (Sum of Parallel Sides) × Height

Area = $1/2\,(b_1 + b_2)\,h$

Cone

($\pi = 3.14$, r = radius)
(l = slant height, h = height)



L. Surface Area = πrl

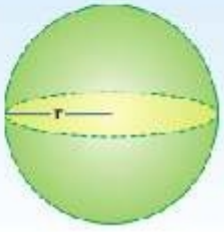
T. Surface Area = $\pi r(l + r)$

Volume = $1/3\pi r^2 h$

Parallelogram

Area = Base × Height = bh

Sphere



Surface Area = $4\pi r^2$

Volume = $4/3\,\pi r^3$

Disclaimer

The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.