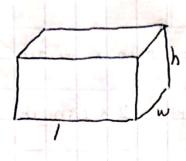
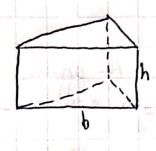
## formulas for perimeter, area, surface, volume Shapes formulas Rectangle W Area = Longth x Width A= Iw Perimeter = 2 x Longths + 2 x widths P= 21+ 2w Parallelogram Area = Base x Height A= bh Perimeter = aidd the length of all sides WP= 20+26 Iriangle Area = 1/2 of the base x the height Hawa A= 12 bh Perimeter = a + b + c (add the length of the three sides Irapesord Area = 1/2 of the base x the height Penmeter = add lengths of all sides P= a+61+62+C Circle Radius= the distance from the center to a point on the circle (r). Diameter-the distance between two points on The circle through the center (d=2x)

Circumference = the distance amound the circle

(c=778 = 2778) (77 = 3,14) drea = 9782

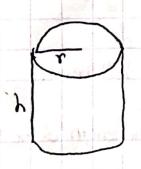


Rectangular solid Volume = Length x width x Height V = lwh surface = 21w + 21h + 2wh



Prisms
Volvme = Base X Height
V= bh

Surface = 26+Ph (b is the area of the base P is the perimeter on the base)

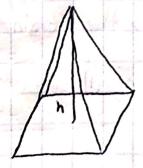


Cylinder
Volume = Tr2 x height

V= Tr2h

Surface = 2Ti radius x height

s= 2Trh + 2Tr2



Pyramid
Volume = 1/3 area of the base x height

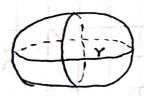
v= = to bh bis the area of the base
Surface area: Add the areas of the base
to the sum of the areas of all of the
triangular faces. The areas of the triangular
faces will have different formulas for
different shaped bases.



Yolume = 1/3 area of the bose x height

V= \frac{1}{3} \text{ x }^2 \text{ h}

Surface = 72+775 = 72+775



Sphere Volume V= 4377x3

Surface S=4/77 r2