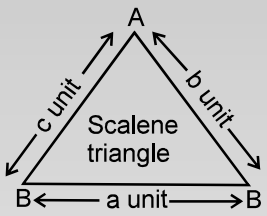
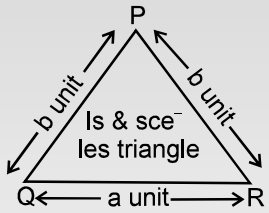
Perimeter

Sum of all sides.

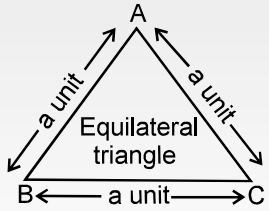
(1) Triangle



P = (a +b+c) unit



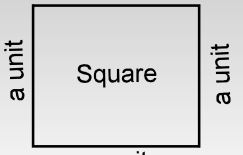
P = (a+2b)unit



P = 3a unit

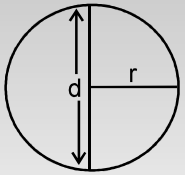
side (a) = P ÷ 3

(3)



P = 4a unit, side (a) = P ÷ 4 units

(4)



Circumference = 2 πr units
= π d units

diameter (d) = 2 [radius]

π = Circumferance ÷ (2 π)

π = 22/7 or 3.14

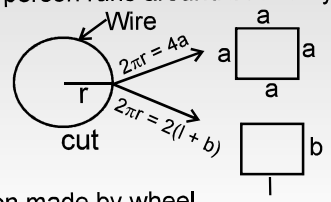
When to calculate perimeter

(a) to put lace

(b) For Fencing

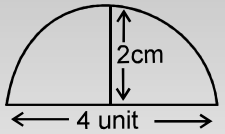
(c) When a person runs around boundary

(d)



(e) revolution made by wheel

eg.



$P = \frac{1}{2}(2\pi r) + 2r$

$P = \frac{22}{7} \times 2 \times 2 \times 2$ units

$P = \frac{44}{7} + 4 + \frac{72}{7}$ units

(2) Rectangle

width = b unit

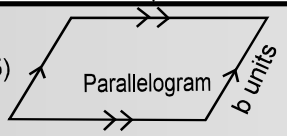
Length = l unit

P = 2[l + b] unit

$l = \frac{1}{2} \times P - b$

$b = \frac{1}{2} \times P - l$

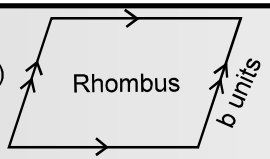
(5)

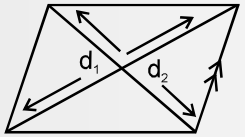


a units

P = 2 [a + b] unit

(6)



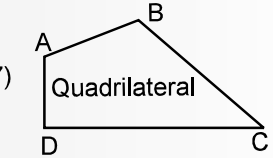


a units

$P = 4 \times a \text{ units} = 2\sqrt{d_1^2 + d_2^2}$

side (a) = p ÷ 4

(7)



P = (AB + BC + CD + DA) units