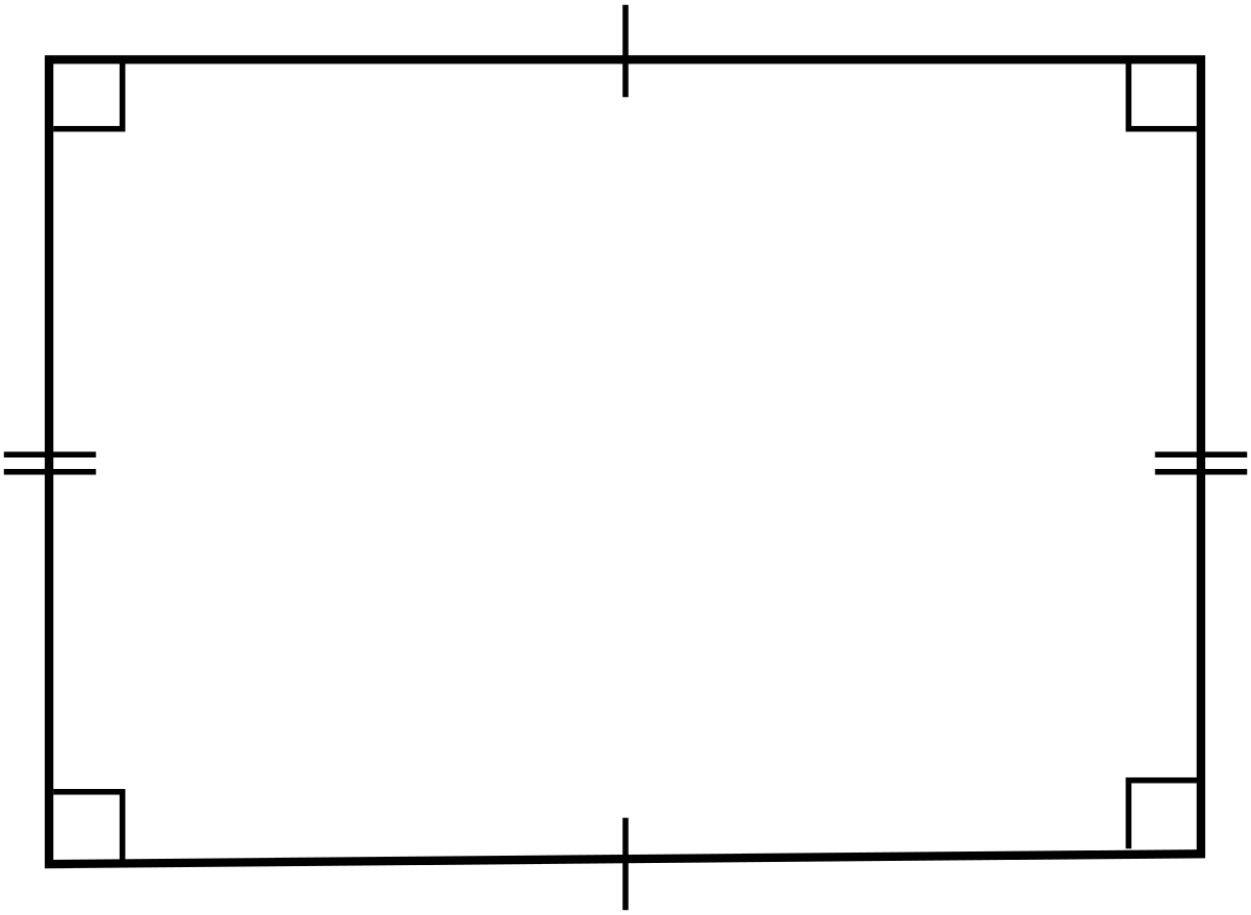
***Defination*:-** A rectangle is a four-sided flat shape where every angle is a right angle (90°).



Where:

👉Each internal angle is 90°

👉Opposite sides are parallel and of equal length (so it is a Parallelogram).

Area of a Rectangle:-

Area = w × h

Perimeter of a Rectangle:-

Perimeter = 2(w+h)

Diagonals of a Rectangle:-

Diagonal 'd' = $\sqrt{(w^2+h^2)}$