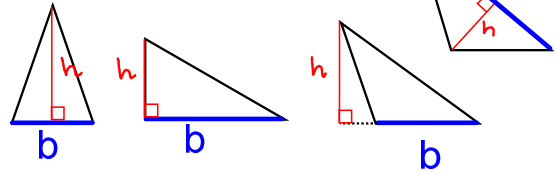


Area of Triangles and Quadrilaterals

Area of a Triangle

$$A = (1/2)(b)(h) \text{ or } A = (bh)/2$$

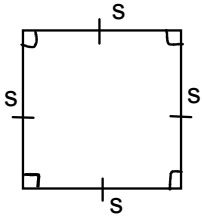
b=base h=height



Area of Quadrilaterals: Squares

$$A = s^2$$

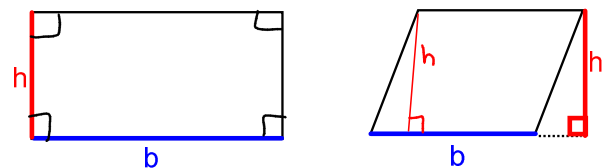
s=side



Area of Quadrilaterals: Rectangles and Parallelograms

$$A = bh$$

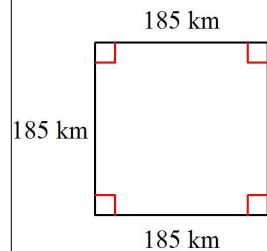
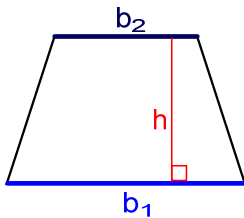
b=base h=height



Area of Quadrilaterals: Trapezoids

$$A = [(b_1 + b_2)(h)]/2$$

$$A = \frac{(b_1 + b_2)(h)}{2}$$



$$A = 185^2$$

$$A = 34,225 \text{ km}^2$$

