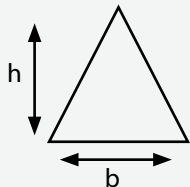


Formulas for Area

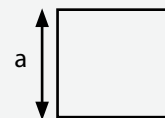
Area of a Triangle

$$\text{Area} = \frac{1}{2} \times \text{base} \times \text{vertical height}$$



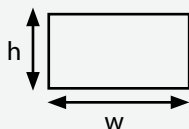
Area of a Square

$$\text{Area} = a^2 \text{ (a = length of side)}$$



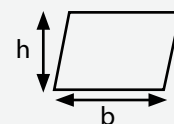
Area of a Rectangle

$$\text{Area} = \text{width} \times \text{height}$$



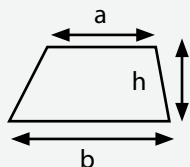
Area of a Parallelogram

$$\text{Area} = \text{base} \times \text{vertical height}$$



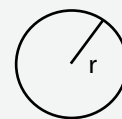
Area of a Trapezoid

$$\text{Area} = \frac{1}{2} \times (a + b) \times \text{vertical height}$$



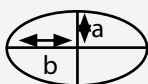
Area of a Circle

$$\text{Area} = \pi \times \text{radius}^2$$



Area of an Ellipse

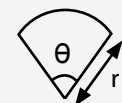
$$\text{Area} = \pi ab$$



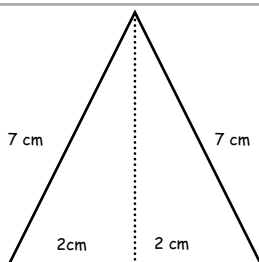
Area of a Sector

$$\text{Area} = \frac{1}{2} \times \text{radius}^2 \times \theta$$

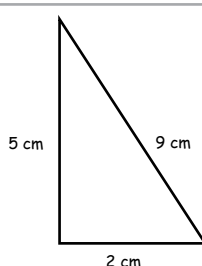
θ = angle in radians



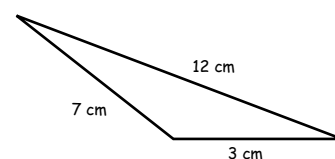
Calculate the **area** of the triangles.



area = _____



area = _____



area = _____