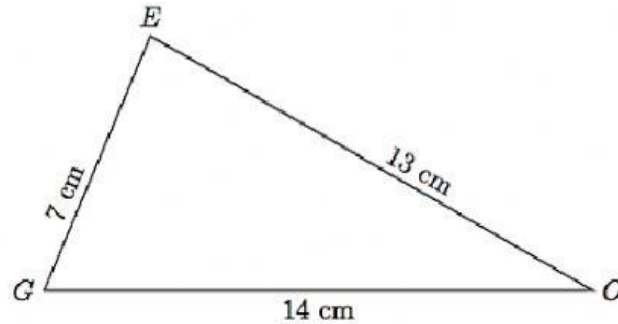


HERON'S FORMULA WORKSHEET 1

Calculate the areas of the scalene triangles using Heron's Formula.

1.



$$\text{Area of Triangle} = \sqrt{s(s-a)(s-b)(s-c)}$$

$$s = \frac{a+b+c}{2} = \frac{\quad + \quad + \quad}{2}$$

$$\text{Area of Triangle} = \sqrt{\quad(\quad - \quad)(\quad - \quad)(\quad - \quad)}$$

$$= \sqrt{\quad \times \quad \times \quad \times \quad}$$

$$= \sqrt{\quad} = \quad$$