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**The Law of Cosine:**

   

   

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**The Law of Sine:** 

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**The Law of Tangent:**

   

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**Half Angles Formulas:**

   

   

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where .

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**Area of Triangle :**





 (*Heron’s Formula*)

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**Circumradius :**  

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**Inradius :** 

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**Escribed Circle:** *  *

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