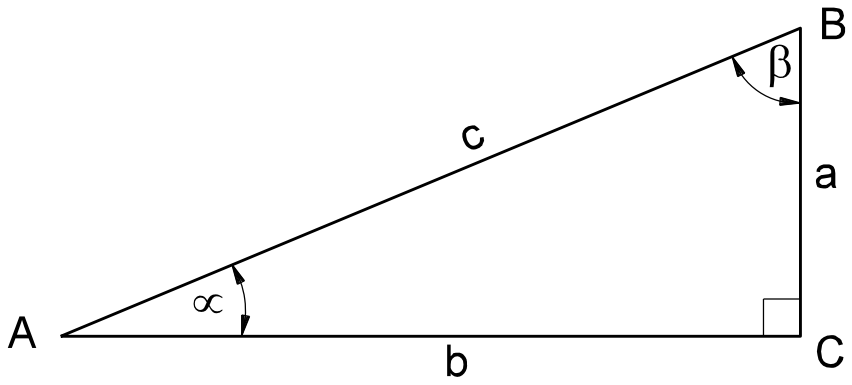

Let BC = a, AC = b, AB = c. Then:

1. $\sin \propto = \frac{a}{c}$
2. $\cos \propto = \frac{b}{c}$
3. $\tan \propto = \frac{a}{b}$
4. $\csc \propto = \frac{1}{\sin \propto} = \frac{c}{a}$
5. $\sec \propto = \frac{1}{\cos \propto} = \frac{c}{b}$
6. $\cot \propto = \frac{1}{\tan \propto} = \frac{b}{a}$
7. $\text{vers} \propto = 1 - \cos \propto$
8. $\text{covers} \propto = 1 - \sin \propto$
9. $\text{exsec} \propto = (\sec \propto) - 1$
10. $\text{coexsec} \propto = (\csc \propto) - 1$
11. $a^2 + b^2 = c^2$
12. $\propto + \beta = 90°$
13. $\text{Area} = \frac{1}{2} ab$

BASIC TRIGONOMETRIC FUNCTIONS

Figure 43-6B