Basic Trigonometric Identities:

Reciprocal Identities:

1. $\sin(\theta) = \frac{1}{\csc(\theta)}$
2. $\csc(\theta) = \frac{1}{\sin(\theta)}$
3. $\cos(\theta) = \frac{1}{\sec(\theta)}$
4. $\sec(\theta) = \frac{1}{\cos(\theta)}$
5. $\tan(\theta) = \frac{1}{\cot(\theta)}$
6. $\cot(\theta) = \frac{1}{\tan(\theta)}$

7. $\tan(\theta) = \frac{\sin(\theta)}{\cos(\theta)}$

8. $\cot(\theta) = \frac{\cos(\theta)}{\sin(\theta)}$

9. $\sin^2(\theta) + \cos^2(\theta) = 1$

10. $\sin(\alpha + \beta) = \sin(\alpha)\cos(\beta) + \cos(\alpha)\sin(\beta)$

11. $\cos(\alpha + \beta) = \cos(\alpha)\cos(\beta) - \sin(\alpha)\sin(\beta)$