

- ① $\sin \theta = \frac{1}{\csc \theta}$ ⑦ $\tan \theta = \frac{\sin \theta}{\cos \theta}$ ⑬ $\tan(-\theta) = -\tan \theta$
② $\cos \theta = \frac{1}{\sec \theta}$ ⑧ $\cot \theta = \frac{\cos \theta}{\sin \theta}$ ⑭ $\cot(-\theta) = -\cot \theta$
③ $\tan \theta = \frac{1}{\cot \theta}$ ⑨ $\cos(-\theta) = \cos \theta$ ⑮ $\sin^2 \theta + \cos^2 \theta = 1$
④ $\csc \theta = \frac{1}{\sin \theta}$ ⑩ $\sec(-\theta) = \sec \theta$ ⑯ $\tan^2 \theta + 1 = \sec^2 \theta$
⑤ $\sec \theta = \frac{1}{\cos \theta}$ ⑪ $\sin(-\theta) = -\sin \theta$ ⑰ $1 + \cot^2 \theta = \csc^2 \theta$
⑥ $\cot \theta = \frac{1}{\tan \theta}$ ⑫ $\csc(-\theta) = -\csc \theta$