Trigonometric Ratios

Trigonometric ratios of $(-\theta)$:

- $\sin(-\theta) = -\sin\theta$
- $\cos(-\theta) = \cos\theta$
- $\tan(-\theta) = -\tan\theta$

Trigonometric ratios of $(90° - \theta)$:

- $\sin(90°-\theta) = \cos\theta$
- $\cos(90°-\theta) = \sin\theta$
- $\tan(90°-\theta) = \cot\theta$

Trigonometric ratios of $(90° + \theta)$:

- $\sin(90° + \theta) = \cos\theta$
- $\cos(90° + \theta) = -\sin\theta$
- $\tan(90° + \theta) = -\cot\theta$

Trigonometric ratios of $(180° - \theta)$:

- $\sin(180° - \theta) = \sin\theta$
- $\cos(180° - \theta) = -\cos\theta$
- $\tan(180° - \theta) = -\tan\theta$

Trigonometric ratios of $(180° + \theta)$:

- $\sin(180° + \theta) = -\sin\theta$

- $\cos(180° + \theta) = -\cos\theta$

- $\tan(180° + \theta) = \tan\theta$