

## TRIGONOMETRISKA FORMLER

1.  $\sin^2 x + \cos^2 x = 1$

2.  $\sin(x + y) = \sin x \cdot \cos y + \cos x \cdot \sin y$

3.  $\sin(x - y) = \sin x \cdot \cos y - \cos x \cdot \sin y$

4.  $\cos(x + y) = \cos x \cdot \cos y - \sin x \cdot \sin y$

5.  $\cos(x - y) = \cos x \cdot \cos y + \sin x \cdot \sin y$

6.  $\sin 2x = 2 \sin x \cdot \cos x$

7.  $\cos 2x = \begin{cases} \cos^2 x - \sin^2 x \\ 1 - 2 \sin^2 x \\ 2 \cos^2 x - 1 \end{cases}$

8.  $\sin^2 x = \frac{1 - \cos 2x}{2}$

9.  $\cos^2 x = \frac{1 + \cos 2x}{2}$

10.  $\sin x = \cos\left(\frac{\pi}{2} - x\right)$

11.  $\cos x = \sin\left(\frac{\pi}{2} - x\right)$