Užitočné vzorce

- $\sin^2 x + \cos^2 x = 1$ $\quad x \in R$
  - $1 + cotg^2 x = \frac{1}{\sin^2 x}$
  - $tg^2 x + 1 = \frac{1}{\cos^2 x}$
- $tg\ x * cotg\ x = 1$ $\quad x \in R - \left\{k * \frac{\pi}{2},\ k \in Z\right\}$
- Párne funkcie
  - $\cos -x = \cos x$ $\quad x \in R$
- Nepárne funkcie
  - $\sin -x = -\sin x$ $\quad x \in R$
  - $tg\ -x = -tg\ x$ $\quad x \in R - \left\{\frac{\pi}{2} + k * \pi,\ k \in Z\right\}$
  - $cotg\ -x = -\ cotg\ x$ $\quad x \in R - \{k * \pi,\ k \in Z\}$

- $\sin 2x = 2 \sin x * \cos x$
- $\cos 2x = \cos^2 x - \sin^2 x$
- $tg\ x = \frac{\sin x}{\cos x}$
- $tg\ x = \frac{1}{cotg\ x}$
- $cotg\ x = \frac{\cos x}{\sin x}$
- $cotg\ x = \frac{1}{tg\ x}$