sin odd $D_f = \mathbb{R}$

period 2π $R_f = [-1,1]$

cos even $D_f = \mathbb{R}$

period 2π

$R_f = [-1,1]$

↑ range

tan $= \frac{\sin x}{\cos x}$ $D_f = \mathbb{R}$ odd

(tg)

$D_f = \mathbb{R} \setminus \{\frac{\pi}{2} + k\pi, k \in \mathbb{Z}\}$

$D_f = \bigcup_k (-\frac{\pi}{2} + k\pi, \frac{\pi}{2} + k\pi)$

cot

(ctg) $D_f = \mathbb{R} \setminus \{k\pi, k \in \mathbb{Z}\}$

$= \frac{\cos x}{\sin x}$ $R_f = \mathbb{R}$ odd