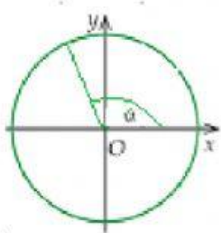
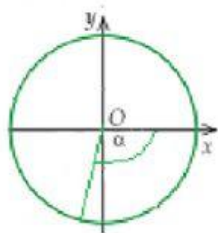


## VIENĪBAS RIŅĶIS

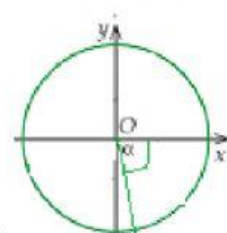
1. Nosaki  $\sin\alpha$ ,  $\cos\alpha$ ,  $\operatorname{tg}\alpha$  un  $\operatorname{ctg}\alpha$  zīmes!



$\sin\alpha$              $\operatorname{tg}\alpha$   
 $\cos\alpha$              $\operatorname{ctg}\alpha$



$\sin\alpha$              $\operatorname{tg}\alpha$   
 $\cos\alpha$              $\operatorname{ctg}\alpha$



$\sin\alpha$              $\operatorname{tg}\alpha$   
 $\cos\alpha$              $\operatorname{ctg}\alpha$

2. Salīdzini trigonometrisko funkciju vērtības! (<; =; >)

$\sin 20^\circ$      $\sin 160^\circ$              $\cos 20^\circ$      $\cos 160^\circ$   
 $\operatorname{tg} 20^\circ$      $\operatorname{tg} 160^\circ$              $\operatorname{ctg} 20^\circ$      $\operatorname{ctg} 160^\circ$

3. Aprēķini izteiksmes vērtību:

a)  $3\sin 270^\circ + 4\sin 90^\circ + 3\cos 180^\circ - \cos 360^\circ =$

$3\sin 270^\circ =$              $4\sin 90^\circ =$              $3\cos 180^\circ =$

$\cos 360^\circ =$

b)  $2\sin 810^\circ + \cos 720^\circ + 8\sin 450^\circ - 2\cos 540^\circ =$

$2\sin 810^\circ =$              $\cos 720^\circ =$              $8\sin 450^\circ =$

$2\cos 540^\circ =$

