|  |  |  |
| --- | --- | --- |
| *II. kvadrant (91°-180°)* | *III. kvadrant (181°-270°)* | *IV. kvadrant (271°-360°)* |
| sin(180°- α) = sin α | Sin(180°+ α) = - sin α | Sin(360°- α) = - sin α |
| cos(180°- α) = - cos α | Cos(180°+ α) = - cos α | Cos(360°- α) = cos α |
| tan(180°- α) = - tan α | Tan(180°+ α) = tan α | Tan(360°- α) = - tan α |
| cot(180°- α) = - cot α | Cot(180°+ α) = cot α | Cot(360°- α) = - cot α |

|  |  |  |
| --- | --- | --- |
| tanα=sinα/cos α | cot α= cos α/ sinα | tanα\*cot α=1 |
| sin2α+ cos2α=1 | 1+cot2α=1/ sin2α | 1+tan2α=1/ cos2α |