cosα+sinα=1 V=4∏r/3

sinα/cosα=tgα P=4∏r

sinα=cos(90°-α)

tgα\*ctgα=1

1+tgα=1/cosα

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 30° | 45° | 60° | 90° | 0° |
|  | ∏/6 | ∏/4 | ∏/3 | ∏/2 |  |
| sin | 1/2 | √2/2 | √3/2 | 1 | 0 |
| cos | √3/2 | √2/2 | 1/2 | 0 | 1 |
| tg | √3/3 | 1 | √3 |  | 0 |
| ctg | √3 | 1 | √3/3 |  | 0 |

Cos2x=cos x-sin x

Sin2x=2\*sinx\*cosx