|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Radians | Quadrant | Picture | Sin θ | Cos θ | Tan θ |
| 30° | Π/6 | I |  | 1/2 | √3/2 | √3/3 |
| 60° | Π/3 | I |  | √3/2 | 1/2 | √3 |
| 120° | 2Π/3 | II |  | √3/2 | -1/2 | -√3 |
| 150° | 5Π/6 | II |  | 1/2 | -√3/2 | -√3/3 |
| 210° | 7Π/6 | III |  | -1/2 | -√3/2 | √3/3 |
| 240° | 4Π/3 | III |  | -√3/2 | -1/2 | √3 |
| 300° | 5Π/3 | IV |  | -√3/2 | 1/2 | -√3 |
| 330° | 11Π/6 | IV |  | -1/2 | √3/2 | -√3/3 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Radians | Sin θ | Cos θ | Tan θ |
| 0° | 0 | 0 | 1 | 0 |
| 90° | π/2 | 1 | 0 | Und. |
| 180° | π | 0 | -1 | 0 |
| 270° | 3π/2 | -1 | 0 | Und. |
| 360° | 2π | 0 | 1 | 0 |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Radians | Quadrant | Picture | Sin θ | Cos θ | Tan θ |
| 45° | π/4 | I |  | √2/2 | √2/2 | 1 |
| 135° | 3π/4 | II |  | √2/2 | -√2/2 | -1 |
| 225° | 5π/4 | III |  | -√2/2 | -√2/2 | 1 |
| 315° | 7π/4 | IV |  | -√2/2 | √2/2 | -1 |



