



1
2
3
4
5
6
7

1
1
2
3
4
5
6
2
1
2
3
4
5
6
3
1

2

1

2

150

3

100

4

50%

30%

20%

5

lg ln log

$$\sin^2 \alpha + \cos^2 \alpha = 1 \quad \tan \alpha = \frac{\sin \alpha}{\cos \alpha}$$
$$2k\pi + \alpha, -\alpha, \pi \pm \alpha$$

1

2

150

3

100

4

50%

30%

20%

5

