



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

