Тригонометрические уравнения, сводимые к алгебраическим.

1. $\cos^2 x + 2\sqrt{2}\sin x - 3 = 0$
2. $\cos 2x - 5\sin x - 3 = 0$
3. $2\,\mathrm{tg}^4 3x - 3\,\mathrm{tg}^2 3x + 1 = 0$
4. $\cos 2x + 3\sin x = 2$
5. $2\,\mathrm{tg}\,x - 2\,\mathrm{ctg}\,x = 3$
6. $\cos^2 x + \sin^4 x = 1$
7. $\mathrm{tg}^2 x - 2\,\mathrm{tg}\,x = 3$
8. $2\cos^2 3x + \sin 3x + 1 = 0$
9. $2\sin^2 x - 7\cos x - 5 = 0$
10. $2\cos 2x - 4\cos x = 1$
11. $\mathrm{tg}\,x + \mathrm{ctg}\,x = 2$
12. $8\sin x + 5 = 2\cos 2x$
13. $\mathrm{Sin}\,3x - 3\cos 6x = 2$
14. $3\cos^2 2x + 7\sin 2x - 3 = 0$
15. $\cos^2 x + 3\sin^2 x = 2$
16. $2(\sin^2 x - \cos^2 x) = -1$
17. $\cos 2x = 2\sin^2 x$
18. $2\cos^2 x - \sin x - 1 = 0$
19. $6\sin^2 x + 5\cos x - 7 = 0$
20. $(\cos 2x - \sin 2x)^2 = \sin 4x$
21. $\mathrm{Sin}^2 x - \cos 2x + 2\sin x = 0$
22. $3\sin^2 2x + \sin 2x = (\sin x - \cos x)^2$
23. $3\cos x + 5\sin\frac{x}{2} + 1 = 0$
24. $8\sin^2 2x - 2\cos 2x = 5$
25. $2\sin x + 3\cos 2x - 3 = 0$

Тригонометрические уравнения, сводимые к алгебраическим.

1. $\cos^2 x + 2\sqrt{2}\sin x - 3 = 0$
2. $\cos 2x - 5\sin x - 3 = 0$
3. $2\,\mathrm{tg}^4 3x - 3\,\mathrm{tg}^2 3x + 1 = 0$
4. $\cos 2x + 3\sin x = 2$
5. $2\,\mathrm{tg}\,x - 2\,\mathrm{ctg}\,x = 3$
6. $\cos^2 x + \sin^4 x = 1$
7. $\mathrm{tg}^2 x - 2\,\mathrm{tg}\,x = 3$
8. $2\cos^2 3x + \sin 3x + 1 = 0$
9. $2\sin^2 x - 7\cos x - 5 = 0$
10. $2\cos 2x - 4\cos x = 1$
11. $\mathrm{tg}\,x + \mathrm{ctg}\,x = 2$
12. $8\sin x + 5 = 2\cos 2x$
13. $\mathrm{Sin}\,3x - 3\cos 6x = 2$
14. $3\cos^2 2x + 7\sin 2x - 3 = 0$
15. $\cos^2 x + 3\sin^2 x = 2$
16. $2(\sin^2 x - \cos^2 x) = -1$
17. $\cos 2x = 2\sin^2 x$
18. $2\cos^2 x - \sin x - 1 = 0$
19. $6\sin^2 x + 5\cos x - 7 = 0$
20. $(\cos 2x - \sin 2x)^2 = \sin 4x$
21. $\mathrm{Sin}^2 x - \cos 2x + 2\sin x = 0$
22. $3\sin^2 2x + \sin 2x = (\sin x - \cos x)^2$
23. $3\cos x + 5\sin\frac{x}{2} + 1 = 0$
24. $8\sin^2 2x - 2\cos 2x = 5$
25. $2\sin x + 3\cos 2x - 3 = 0$

Тригонометрические уравнения, сводимые к алгебраическим.

1. $\cos^2 x + 2\sqrt{2}\sin x - 3 = 0$
2. $\cos 2x - 5\sin x - 3 = 0$
3. $2\,\mathrm{tg}^4 3x - 3\,\mathrm{tg}^2 3x + 1 = 0$
4. $\cos 2x + 3\sin x = 2$
5. $2\,\mathrm{tg}\,x - 2\,\mathrm{ctg}\,x = 3$
6. $\cos^2 x + \sin^4 x = 1$
7. $\mathrm{tg}^2 x - 2\,\mathrm{tg}\,x = 3$
8. $2\cos^2 3x + \sin 3x + 1 = 0$
9. $2\sin^2 x - 7\cos x - 5 = 0$
10. $2\cos 2x - 4\cos x = 1$
11. $\mathrm{tg}\,x + \mathrm{ctg}\,x = 2$
12. $8\sin x + 5 = 2\cos 2x$
13. $\mathrm{Sin}\,3x - 3\cos 6x = 2$
14. $3\cos^2 2x + 7\sin 2x - 3 = 0$
15. $\cos^2 x + 3\sin^2 x = 2$
16. $2(\sin^2 x - \cos^2 x) = -1$
17. $\cos 2x = 2\sin^2 x$
18. $2\cos^2 x - \sin x - 1 = 0$
19. $6\sin^2 x + 5\cos x - 7 = 0$
20. $(\cos 2x - \sin 2x)^2 = \sin 4x$
21. $\mathrm{Sin}^2 x - \cos 2x + 2\sin x = 0$
22. $3\sin^2 2x + \sin 2x = (\sin x - \cos x)^2$
23. $3\cos x + 5\sin\frac{x}{2} + 1 = 0$
24. $8\sin^2 2x - 2\cos 2x = 5$
25. $2\sin x + 3\cos 2x - 3 = 0$

Тригонометрические уравнения, сводимые к алгебраическим.

1. $\cos^2 x + 2\sqrt{2}\sin x - 3 = 0$
2. $\cos 2x - 5\sin x - 3 = 0$
3. $2\,\mathrm{tg}^4 3x - 3\,\mathrm{tg}^2 3x + 1 = 0$
4. $\cos 2x + 3\sin x = 2$
5. $2\,\mathrm{tg}\,x - 2\,\mathrm{ctg}\,x = 3$
6. $\cos^2 x + \sin^4 x = 1$
7. $\mathrm{tg}^2 x - 2\,\mathrm{tg}\,x = 3$
8. $2\cos^2 3x + \sin 3x + 1 = 0$
9. $2\sin^2 x - 7\cos x - 5 = 0$
10. $2\cos 2x - 4\cos x = 1$
11. $\mathrm{tg}\,x + \mathrm{ctg}\,x = 2$
12. $8\sin x + 5 = 2\cos 2x$
13. $\mathrm{Sin}\,3x - 3\cos 6x = 2$
14. $3\cos^2 2x + 7\sin 2x - 3 = 0$
15. $\cos^2 x + 3\sin^2 x = 2$
16. $2(\sin^2 x - \cos^2 x) = -1$
17. $\cos 2x = 2\sin^2 x$
18. $2\cos^2 x - \sin x - 1 = 0$
19. $6\sin^2 x + 5\cos x - 7 = 0$
20. $(\cos 2x - \sin 2x)^2 = \sin 4x$
21. $\mathrm{Sin}^2 x - \cos 2x + 2\sin x = 0$
22. $3\sin^2 2x + \sin 2x = (\sin x - \cos x)^2$
23. $3\cos x + 5\sin\frac{x}{2} + 1 = 0$
24. $8\sin^2 2x - 2\cos 2x = 5$
25. $2\sin x + 3\cos 2x - 3 = 0$