Неопределенный интеграл

1. $\int \frac{\sin x}{7+3\cos^2 x}\,dx$
2. $\int \frac{x+\operatorname{arctg}^3 x}{1+x^2}\,dx$
3. $\int \frac{dx}{x\ (3+7\ln x)^4}$
4. $\int \frac{5^{\arcsin x}}{\sqrt{1-x^2}}\,dx$
5. $\int \frac{dx}{\sqrt{x}(1+\sqrt{x})}$
6. $\int \frac{81^x-3^x}{9^x}\,dx$
7. $\int \frac{e^{2x}dx}{e^{4x}-5}$
8. $\int \frac{1-2x}{\sqrt{1+4x^2}}\,dx$
9. $\int e^x\left(2-\frac{e^{-x}}{\sqrt{x}}\right)\,dx$
10. $\int (3-2x)^7\,dx$
11. $\int \operatorname{arctg}\ x\,dx$
12. $\int (3x-5)\cos x\,dx$
13. $\int x^2\cdot e^{-3x}\,dx$
14. $\int (x+2)\cdot \ln^2 x\,dx$
15. $\int \frac{\arcsin\sqrt{x}}{\sqrt{1-x}}\,dx$
16. $\int \sin(\ln x)\,dx$
17. $\int \frac{dx}{x^2+3x+5}$
18. $\int \frac{dx}{\sqrt{x^2-6x-7}}$
19. $\int \frac{(x-8)\,dx}{\sqrt{3+2x-x^2}}$
20. $\int \frac{(3x-1)\,dx}{4x^2-4x+7}$
21. $\int \frac{3x^3+x^2+5x+1}{x^3+x}\,dx$
22. $\int \frac{dx}{x^4-x^2}$
23. $\int \frac{(x+2)dx}{x^3-2x^2+2x}$
24. $\int \frac{x^2-x}{(x+3)^3}\,dx$
25. $\int \frac{dx}{x\sqrt{x-2}}$
26. $\int \frac{\sqrt[4]{x}+\sqrt{x}}{\sqrt{x}+1}\,dx$
27. $\int \frac{(x+2)^2}{\sqrt{x-1}}\,dx$
28. $\int \sqrt[3]{x}\left(1-\sqrt[3]{x}\right)^3\,dx$
29. $\int \frac{dx}{x^2\sqrt{1-x^2}}$
30. $\int \frac{dx}{x^4\cdot\sqrt{1+x^2}}$
31. $\int \frac{dx}{\cos^3 x\ \sin^3 x}$
32. $\int \frac{dx}{3\cos^2 x-5\sin^2 x}$
33. $\int \sin 5x\cos 3x\,dx$
34. $\int \operatorname{tg}^3 x\,dx$
35. $\int \cos^4\frac{x}{3}\,dx$
36. $\int \frac{dx}{4+5\sin x}$
37. $\int \operatorname{arctg}\ \sqrt{x}\,dx$
38. $\int \frac{dx}{e^x+3}$

Неопределенный интеграл

1. $\int \frac{(1+x)^2\ dx}{1+x^2}$
2. $\int \frac{\cos 2x\ dx}{\cos x - \sin x}$
3. $\int \frac{dx}{(7-9x)^3}$
4. $\int \mathrm{tg}^2 x\ dx$
5. $\int x^3 \cdot e^{2-5x^4}\ dx$
6. $\int \frac{\ln x - 3}{x\sqrt[3]{\ln^2 x}}\ dx$
7. $\int \frac{e^{3x}dx}{\sqrt{4-e^{6x}}}$
8. $\int \frac{x+1}{\sqrt{1+x^2}}\ dx$
9. $\int \frac{dx}{(1+x^2)\cdot \mathrm{arctg}\ x}$
10. $\int \cos\left(\frac{1}{x}\right)\ \frac{dx}{x^2}$
11. $\int x\ \ln(x^2+1)\ dx$
12. $\int \frac{\arcsin x}{\sqrt{1+x}}\ dx$
13. $\int x\ \cos 6x\ dx$
14. $\int (x^3+2x)e^{-3x^2}\ dx$
15. $\int e^x \cdot \sin 2x\ dx$
16. $\int \frac{x\cdot\cos x}{\sin^3 x}\ dx$
17. $\int \frac{dx}{x^2-7x+1}$
18. $\int \frac{dx}{\sqrt{6x-x^2}}$
19. $\int \frac{(x+2)dx}{x^2+2x+5}$
20. $\int \frac{(3x+4)dx}{\sqrt{x^2+6x-8}}$
21. $\int \frac{2x^2-x-1}{x^3-x^2-6x}\ dx$
22. $\int \frac{dx}{x^4-16}$
23. $\int \frac{x\ dx}{x^3+1}$
24. $\int \frac{(3x-4)\ dx}{x^3\ (x-2)}$
25. $\int \frac{(\sqrt[6]{x}+1)dx}{\sqrt[6]{x^7}+\sqrt[6]{x^5}}$
26. $\int \frac{\sqrt{x+1}-1}{\sqrt{x+1}+1}\ dx$
27. $\int \frac{dx}{\sqrt[4]{1+x^4}}$
28. $\int \sqrt{\frac{1-x}{1+x}}\ dx$
29. $\int \frac{dx}{\sqrt{(1-x^2)^3}}$
30. $\int \frac{x^3dx}{\sqrt{(1+x^2)^5}}$
31. $\int \frac{dx}{\cos x \sin^2 x}$
32. $\int \frac{\cos^3 x\ dx}{\sin x}$
33. $\int \frac{dx}{8-3\cos x}$
34. $\int \frac{dx}{5-\sin^2 x+6\cos^2 x}$
35. $\int \frac{dx}{\cos^3 x}$
36. $\int \frac{dx}{1+\mathrm{tg}\ x}$
37. $\int \frac{dx}{e^{2x}-e^{3x}}$
38. $\int \mathrm{arctg}\left(\frac{1}{x}\right)\ dx$

Неопределенный интеграл

1. $\int \dfrac{dx}{\arcsin^2 x\sqrt{1-x^2}}$
2. $\int \dfrac{\sin x\,dx}{1+\cos^2 x}$
3. $\int \dfrac{\sqrt{1+3\ln x}}{x}\,dx$
4. $\int \dfrac{x^2}{\sqrt{5+x^6}}\,dx$
5. $\int \dfrac{\cos^2 2x}{\sin 4x + 2\cos 2x}\,dx$
6. $\int e^{-x}\cdot \sin e^{-x}\,dx$
7. $\int x\ \mathrm{tg}\ (4-x^2)\,dx$
8. $\int \dfrac{x^2}{4-7x^3}\,dx$
9. $\int \dfrac{dx}{\cos^2 x\sqrt{3-5\mathrm{tg}\ x}}$
10. $\int \dfrac{7-x}{x^2+3}\,dx$
11. $\int x^2\,e^{x/2}\,dx$
12. $\int \sqrt{x^2-1}\,dx$
13. $\int (x+7)\ \sin 3x\,dx$
14. $\int \dfrac{\mathrm{arctg}\ x}{x^2}dx$
15. $\int \ln(x+\sqrt{1+x^2})\ dx$
16. $\int \cos(\ln x)\ dx$
17. $\int \dfrac{dx}{x^2-x-1}$
18. $\int \dfrac{dx}{\sqrt{x^2+6x-2}}$
19. $\int \dfrac{(2x+3)\,dx}{x^2-5x+11}$
20. $\int \dfrac{(x+2)\,dx}{\sqrt{3-4x-4x^2}}$
21. $\int \dfrac{(x^2-3)\,dx}{x^4-5x^2+4}$
22. $\int \dfrac{(x-2)\,dx}{x^3-x^2+2x}$
23. $\int \dfrac{x^2\,dx}{9-x^4}$
24. $\int \dfrac{x^2\,dx}{(x+2)^2(x+4)^2}$
25. $\int \dfrac{dx}{\sqrt[3]{x}-\sqrt{x}}$
26. $\int \dfrac{\sqrt{1-\sqrt[3]{x^2}}}{\sqrt[3]{x}}\,dx$
27. $\int \dfrac{dx}{\sqrt{x}+\sqrt{x+9}}$
28. $\int \dfrac{1}{(1-x)^2}\cdot\sqrt[3]{\dfrac{1-x}{1+x}}\,dx$
29. $\int \dfrac{dx}{x^2\sqrt{x^2-4}}$
30. $\int \dfrac{x^5\,dx}{\sqrt{1+x^2}}$
31. $\int \sin^3 x\sqrt{\cos^3 x}\,dx$
32. $\int \dfrac{dx}{2\cos^2 x + 7\sin^2 x - 3}$
33. $\int \dfrac{dx}{1-2\cos 3x}$
34. $\int \mathrm{ctg}^3\ x\,dx$
35. $\int \dfrac{dx}{\sin^6 x}$
36. $\int \dfrac{\sin x\ \cos x}{1+\sin^4 x}\,dx$
37. $\int \sin\sqrt{x}\ dx$
38. $\int \dfrac{e^{2x}+1}{e^{2x}-1}\,dx$

Неопределенный интеграл

1. $\int \frac{e^{3\operatorname{tg} x-2}}{\cos^2 x}\,dx$
2. $\int \frac{dx}{\sqrt{x}\cdot(4-x)}$
3. $\int \frac{dx}{x\,(1+\ln^2 x)}$
4. $\int \sqrt{\frac{\arcsin\ x}{1-x^2}}\,dx$
5. $\int \frac{\cos x\,dx}{\sqrt[4]{3\sin x-5}}$
6. $\int \frac{dx}{1+\cos 2x}$
7. $\int \frac{(x-1)\,dx}{(x^2-2x+3)^2}$
8. $\int \frac{e^{-x}\,dx}{3-2e^{-x}}$
9. $\int \frac{x\,3^{x^2}}{16+3^{2x^2}}\,dx$
10. $\int x^3\cdot\sqrt[7]{3-5x^4}\,dx$
11. $\int \frac{x\,\cos x}{\sin^3 x}\,dx$
12. $\int (4x^2-5x)e^{7x}\,dx$
13. $\int \frac{\arcsin x}{\sqrt{1+x}}\,dx$
14. $\int x^{\frac{3}{2}}\,\ln x\,dx$
15. $\int e^x\cdot\cos 4x\,dx$
16. $\int \operatorname{arctg}\,(2x+1)\,dx$
17. $\int \frac{dx}{x^2+x-1}$
18. $\int \frac{dx}{\sqrt{x^2+8x-2}}$
19. $\int \frac{(x+1)\,dx}{6x^2-3x+1}$
20. $\int \frac{(x-4)\,dx}{\sqrt{7-4x-x^2}}$
21. $\int \frac{(x-1)^2\,dx}{(x+1)^2(x-4)}$
22. $\int \frac{x^4-x^2+1}{x^3-x}\,dx$
23. $\int \frac{dx}{x^3+27}$
24. $\int \frac{dx}{(x+1)\,(x^2+4)}$
25. $\int \frac{\sqrt{x}\,dx}{x-4\sqrt[3]{x^2}}$
26. $\int \frac{dx}{3+\sqrt{x-6}}$
27. $\int \frac{dx}{x^3\cdot\sqrt{1+x^4}}$
28. $\int \frac{x\,dx}{\sqrt{1+3x}}$
29. $\int \frac{\sqrt{1+x^2}}{x^2}\,dx$
30. $\int \frac{dx}{x\cdot\sqrt{x^2-1}}$
31. $\int \frac{dx}{5\cos^2 x-6\sin^2 x-1}$
32. $\int \frac{dx}{2\sin x-\cos x}$
33. $\int \cos 5x\cdot\cos^2 3x\,dx$
34. $\int \frac{dx}{\sin^4 x}$
35. $\int \frac{\sin^3 x\,dx}{\sqrt[5]{\cos^8 x}}$
36. $\int \operatorname{tg}^5\,x\,dx$
37. $\int \frac{dx}{1+e^x+e^{2x}}$
38. $\int \operatorname{arctg}\sqrt[3]{x}\,dx$

Неопределенный интеграл

1. $\int \frac{x^4\,dx}{x^{10}-3}$
2. $\int \frac{\cos 2x\;dx}{\sqrt[5]{3\sin 2x-11}}$
3. $\int x^2\cdot(1+5x^3)^{-6}\;dx$
4. $\int \frac{dx}{\sqrt{7x^2+5}}$
5. $\int \mathrm{tg}^2\;3x\;dx$
6. $\int \frac{e^{\sqrt{x}-1}}{\sqrt{x}}dx$
7. $\int \frac{dx}{\sqrt[3]{5^x}}$
8. $\int \frac{(\sqrt{x}-1)^3}{x\cdot\sqrt{x}}\;dx$
9. $\int \frac{dx}{(a-b)\cdot x^2-(a+b)}$
10. $\int \frac{dx}{x\cdot\ln^3 x}$
11. $\int \sqrt{1-x}\cdot\arcsin\sqrt{x}\,dx$
12. $\int (x^2+1)\,3^x\,dx$
13. $\int (2x+3)\;\cos 4x\,dx$
14. $\int \frac{\ln x\,dx}{\sqrt[3]{x}}$
15. $\int \frac{x\;dx}{\cos^2 x}$
16. $\int \sqrt{x^2+a^2}\;dx$
17. $\int \frac{dx}{x^2-5x-1}$
18. $\int \frac{dx}{\sqrt{9x^2+6x+3}}$
19. $\int \frac{(x+1)\,dx}{4x^2-12x+3}$
20. $\int \frac{(2x-3)\,dx}{\sqrt{1+x-x^2}}$
21. $\int \frac{dx}{x^4+2x^2+2x^3}$
22. $\int \frac{dx}{x^2\cdot(16+x^2)}$
23. $\int \frac{dx}{x^3-8}$
24. $\int \frac{2x^2-3x-12}{x\;(x-2)\;(x+3)}\;dx$
25. $\int \frac{\sqrt[6]{x}-1}{\sqrt[6]{x^5}+\sqrt[4]{x^3}}\;dx$
26. $\int \frac{x\;dx}{\sqrt[3]{2x-3}}$
27. $\int \frac{\sqrt[3]{1+x^3}}{x^2}\;dx$
28. $\int \sqrt{x}\cdot(1+\sqrt[3]{x})^4\;dx$
29. $\int \sqrt{9-x^2}\;dx$
30. $\int \frac{x^2\;dx}{\sqrt{(x^2+1)^5}}$
31. $\int \sin x\;\cos 2x\;\sin 3x\,dx$
32. $\int \mathrm{tg}^6\;x\;dx$
33. $\int \frac{dx}{2-3\sin x\;+\cos x}$
34. $\int \frac{dx}{4\sin^2 x-7\cos^2 x}$
35. $\int \frac{\sin^5 x\;dx}{\sqrt[3]{\cos^7 x}}$
36. $\int \frac{dx}{\cos^6 x}$
37. $\int \frac{dx}{\sqrt{e^x-1}}$
38. $\int e^{\sqrt{x}}\;dx$

Неопределенный интеграл

1. $\int \dfrac{dx}{(5x-2)^{5/2}}$
2. $\int (1-x)^2 \cdot (1-3x)\,dx$
3. $\int \dfrac{dx}{\sqrt{3x^2-2}}$
4. $\int \dfrac{a^x}{\sqrt{a^{2x}-7}}\,dx$
5. $\int \dfrac{dx}{\cos^2(5x-\pi/4)}$
6. $\int \dfrac{x^4+1}{x^5+5x-3}\,dx$
7. $\int \dfrac{x^2}{3+x^2}\,dx$
8. $\int x^3 \cdot \sqrt[4]{4x^4-3}\,dx$
9. $\int \dfrac{x \cdot e^{\sqrt{x^2+1}}}{\sqrt{x^2+1}}\,dx$
10. $\int \sin^3 2x \cdot \cos 2x\,dx$
11. $\int x \cdot \operatorname{arctg}^2 x\,dx$
12. $\int x^2 \sin 5x\,dx$
13. $\int x \cdot e^{-3x}\,dx$
14. $\int (x^2-x+1) \cdot \ln x\,dx$
15. $\int e^{2x} \cdot \cos 3x\,dx$
16. $\int \dfrac{\arcsin x\,dx}{\sqrt{1+x}}$
17. $\int \dfrac{dx}{\sqrt{1-x-x^2}}$
18. $\int \dfrac{dx}{x^2-3x+3}$
19. $\int \dfrac{(7x-4)\,dx}{\sqrt{x^2-2x}}$
20. $\int \dfrac{(x+5)\,dx}{3x^2+6x+1}$
21. $\int \dfrac{(2x^2+1)\,dx}{x^3+x^2+2x+2}$
22. $\int \dfrac{dx}{x^4+27x}$
23. $\int \dfrac{(3x^2+2x-1)\,dx}{(x-1)^2 \cdot (x+2)}$
24. $\int \dfrac{x^4\,dx}{x^4+5x^2+4}$
25. $\int \dfrac{x+\sqrt{x}+\sqrt[3]{x^2}}{x(1+\sqrt[3]{x})}\,dx$
26. $\int \dfrac{x^3\,dx}{\sqrt{x+1}}$
27. $\int \dfrac{(\sqrt[6]{2x-1}+1)\,dx}{(2x-1) \cdot (\sqrt[3]{2x-1}+1)}$
28. $\int \dfrac{\sqrt[3]{1+\sqrt[4]{x}}}{\sqrt{x}}\,dx$
29. $\int \dfrac{x^7\,dx}{\sqrt{1-x^2}}$
30. $\int \dfrac{x^2\,dx}{\sqrt{(1+x^2)^5}}$
31. $\int \dfrac{dx}{3-2\cos^2 x+7\sin^2 x}$
32. $\int \dfrac{dx}{5-4\cos x}$
33. $\int (1-\sin 3x)^2\,dx$
34. $\int \dfrac{dx}{\operatorname{tg}^3 x}$
35. $\int \cos x \cdot \cos^2 3x\,dx$
36. $\int \dfrac{dx}{\sin x \cdot \cos^5 x}$
37. $\int \cos \sqrt[3]{x}\,dx$
38. $\int \dfrac{e^x\,(3-e^x)\,dx}{1+4e^{2x}}$

Неопределенный интеграл

1. $\int \frac{2-\sqrt[3]{\operatorname{tg} x}}{\cos^2 x}\,dx$
2. $\int \frac{\sin(\ln x)\,dx}{x}$
3. $\int \frac{a^{1/x}\,dx}{x^2}$
4. $\int \frac{dx}{(a-b)\,x^2+(a+b)}$
5. $\int \frac{\sin 2x\,dx}{\sqrt{3-\cos^2 x}}$
6. $\int \frac{dx}{(1+x^2)\operatorname{arctg} x}$
7. $\int \frac{2^{x+1}-5^{x+1}}{10^x}\,dx$
8. $\int \frac{x\,dx}{\sqrt{16x^4+9}}$
9. $\int \frac{x^3\,dx}{\sqrt{9-x^8}}$
10. $\int \frac{3x-5}{x^2+8}\,dx$
11. $\int \frac{\ln x\,dx}{x^2}$
12. $\int \frac{x\cdot\operatorname{arctg} x}{\sqrt{1+x^2}}\,dx$
13. $\int \frac{x\cdot\sin 2x}{\cos^3 2x}\,dx$
14. $\int (x^2-7)\cdot 7^{-x}\,dx$
15. $\int \arcsin 5x\,dx$
16. $\int e^{3x}\cdot\cos 2x\,dx$
17. $\int \frac{dx}{x^2-x-1}$
18. $\int \frac{dx}{\sqrt{4x^2+6x-7}}$
19. $\int \frac{(5x-3)dx}{x^2-4x-12}$
20. $\int \frac{(3x+5)dx}{\sqrt{2x^2+8x+1}}$
21. $\int \frac{(3+x)\,dx}{(x+2)\cdot(x^2+x+4)}$
22. $\int \frac{dx}{x^3+4x-x^2-4}$
23. $\int \frac{dx}{x^4-6x^3+9x^2}$
24. $\int \frac{x^4\,dx}{x^2-1}$
25. $\int \frac{\sqrt[6]{x}\,dx}{\sqrt{x}+\sqrt[3]{x^2}}$
26. $\int \frac{dx}{(x+1)\cdot\sqrt{4-x}}$
27. $\int \sqrt{\frac{6-x}{x-18}}\,dx$
28. $\int \frac{\sqrt[3]{1+\sqrt{x}}}{x\cdot\sqrt[3]{x^2}}\,dx$
29. $\int \frac{\sqrt{9+x^2}}{x}\,dx$
30. $\int x^2\cdot\sqrt{x^2-1}\,dx$
31. $\int \frac{dx}{8-4\sin x+9\cos x}$
32. $\int \frac{dx}{3+5\cos^2 x}$
33. $\int \sin 3x\cdot\cos 2x\,dx$
34. $\int \sqrt[3]{\cos^2 x}\cdot\sin^3 x\,dx$
35. $\int \frac{dx}{\sin^8 x}$
36. $\int \operatorname{tg}^4 x\,dx$
37. $\int \sqrt{1-e^{2x}}\,dx$
38. $\int \frac{\arcsin x}{\sqrt{x+1}}\,dx$

Неопределенный интеграл

1. $\int \frac{dx}{\sqrt[3]{(3-x)^5}}$
2. $\int \frac{dx}{10x^2-7}$
3. $\int \frac{\sin 2x\ dx}{3\sin^2 x+4}$
4. $\int \frac{dx}{x\cdot \sin^2(\ln x)}$
5. $\int \frac{e^{\text{arctg }3x}}{1+9x^2}\,dx$
6. $\int \cos(3e^x-5)\cdot e^x\,dx$
7. $\int \frac{3x+1}{\sqrt{x^2+4}}dx$
8. $\int \frac{\cos x}{\sqrt{4-9\sin^2 x}}\,dx$
9. $\int \frac{(\sqrt{x}-1)(\sqrt[6]{x}+1)\ dx}{\sqrt{x^2}}$
10. $\int \frac{x\ dx}{(5x^2+13)^4}$
11. $\int (x^2+2x-1)\ \sin x\,dx$
12. $\int \sqrt[3]{x}\cdot \ln x\,dx$
13. $\int (x+7)\,e^{-2x}\,dx$
14. $\int x\cdot \text{arctg }x\ dx$
15. $\int x^5\cdot e^{-2x^2}\ dx$
16. $\int e^{-x}\cdot \cos 6x\ dx$
17. $\int \frac{dx}{x^2-4x-5}$
18. $\int \frac{dx}{\sqrt{3x^2+x-1}}$
19. $\int \frac{(2x+1)\,dx}{x^2-6x+10}$
20. $\int \frac{x\,dx}{\sqrt{3-x-x^2}}$
21. $\int \frac{(x^2+3)\,dx}{x^3\cdot(x+1)}$
22. $\int \frac{(5x^3+x^2-2x-8)\,dx}{x^3-4x}$
23. $\int \frac{x^2\ dx}{(x+2)\cdot(x^3+1)}$
24. $\int \frac{dx}{(x-2)^2(x^2-4x+5)}$
25. $\int \frac{\sqrt{x}\ dx}{\sqrt[3]{x^2}-\sqrt[4]{x}}$
26. $\int \frac{x^3\ dx}{\sqrt{x-9}}$
27. $\int x^5\cdot\sqrt[3]{(1+x^3)^2}\ dx$
28. $\int \sqrt{\frac{9-2x}{2x-21}}\ dx$
29. $\int \frac{x^2\ dx}{\sqrt{(2-x^2)^3}}$
30. $\int \frac{x^3\,dx}{\sqrt{9+x^2}}$
31. $\int \frac{\cos^2 x}{\sin^4 x}\,dx$
32. $\int \frac{dx}{4-\cos^2 x+3\sin^2 x}$
33. $\int \frac{dx}{3+5\cos x}$
34. $\int \frac{\sin^3\ x\,dx}{\sqrt[7]{\cos^3 x}}$
35. $\int \frac{dx}{\sin^6 x}$
36. $\int \sin x\ \cos 5x\ \sin 4x\,dx$
37. $\int \frac{\arcsin(x/2)\ dx}{\sqrt{2-x}}$
38. $\int \frac{dx}{\sqrt{e^x+1}}$

Неопределенный интеграл

1. $\int \frac{x\ dx}{\cos^2(x^2-4)}$
2. $\int 5^{\frac{1-9x}{15}}\ dx$
3. $\int \frac{dx}{x\cdot\sqrt[3]{\ln^5 x}}$
4. $\int \frac{dx}{\sin^2 x\sqrt[4]{\operatorname{ctg}\ x}}$
5. $\int \frac{(2x+3\cos^2 x)\ dx}{x\ \cos^2 x}$
6. $\int \frac{dx}{1+\cos 2x}$
7. $\int \frac{e^x\ dx}{4-9e^{2x}}$
8. $\int \frac{dx}{\sqrt{2x^2+1}}$
9. $\int \frac{\sqrt{1-x^2}-x^2+x^4}{1-x^2}\ dx$
10. $\int \frac{dx}{x\ \ln x\ \ln(\ln x)}$
11. $\int (2x-3)\cdot\sin 5x\ dx$
12. $\int x\cdot\ln(x+1)\ dx$
13. $\int \arcsin 3x\ dx$
14. $\int x^2\ e^{-x/5}\ dx$
15. $\int e^{2x}\cdot\sin 3x\ dx$
16. $\int x^3\cdot 2^{-x^2}\ dx$
17. $\int \frac{dx}{2x^2+5x-2}$
18. $\int \frac{dx}{\sqrt{x^2+x-3}}$
19. $\int \frac{(7x-1)\ dx}{x^2-4x+8}$
20. $\int \frac{(3x-13)\ dx}{\sqrt{1+6x-3x^2}}$
21. $\int \frac{dx}{(x+2)^2\ (x+1)}$
22. $\int \frac{dx}{x^3-1}$
23. $\int \frac{(x^3+2x^2+3)\ dx}{(x-1)\ (x-2)\ (x-3)}$
24. $\int \frac{dx}{x^4-x^2-12}$
25. $\int \frac{dx}{\sqrt[3]{(2x+1)^2}-\sqrt{2x+1}}$
26. $\int \frac{(x-1)\ dx}{x\cdot\sqrt{x-3}}$
27. $\int \frac{\sqrt{1+\sqrt{x}}\ dx}{x\cdot\sqrt[4]{x^3}}$
28. $\int \sqrt{\frac{2-x}{x-6}}\ dx$
29. $\int \frac{dx}{x\sqrt{x^2-1}}$
30. $\int \frac{dx}{x^2\cdot\sqrt{(x^2+1)^3}}$
31. $\int \frac{dx}{2-3\sin x+5\cos x}$
32. $\int \frac{dx}{4-9\sin^2 x}$
33. $\int \cos^3(x/2)\ dx$
34. $\int \frac{dx}{\sin^8 x}$
35. $\int \frac{dx}{\sin^3 x\cdot\cos^3 x}$
36. $\int \operatorname{tg}^3\ x\ dx$
37. $\int \frac{dx}{\sqrt{1+e^x+e^{2x}}}$
38. $\int \operatorname{arctg}\ \sqrt{2x}\ dx$

Неопределенный интеграл

1. $\int x\ \sin(9-5x^2)\ dx$
2. $\int (2x+1)\ 3^{x^2+x}\ dx$
3. $\int \frac{(\sin x+\cos x)}{\sqrt[3]{\sin x-\cos x}}\ dx$
4. $\int \frac{\sqrt[5]{\operatorname{arctg}^2\ x}}{1+x^2}\ dx$
5. $\int \frac{dx}{\sqrt{(1-x^2)\ \arcsin x}}$
6. $\int (3-x^2)^3\ dx$
7. $\int \frac{dx}{\sqrt{2-3x^2}}$
8. $\int \frac{9^x-4^x}{2^x\ 3^x}\ dx$
9. $\int \frac{x^5\ dx}{\sqrt[7]{8x^6+12}}$
10. $\int \frac{5x-2}{7-3x^2}\ dx$
11. $\int \frac{x\ dx}{\cos^2 x}$
12. $\int \frac{\ln^2 x}{x^2}\ dx$
13. $\int (3x-2)\ 5^{-2x}\ dx$
14. $\int \frac{\arcsin\sqrt{x}}{\sqrt{1-x}}\ dx$
15. $\int \cos^2 x\cdot e^{-x}\ dx$
16. $\int \frac{\operatorname{arctg}\ x}{x^2}\ dx$
17. $\int \frac{dx}{x^2-x+4}$
18. $\int \frac{dx}{\sqrt{3-3x-x^2}}$
19. $\int \frac{(3x-5)\ dx}{5x^2-x+2}$
20. $\int \frac{(2x-10)\ dx}{\sqrt{1+x+x^2}}$
21. $\int \frac{(x^3+x^2+1)\ dx}{(x+3)\cdot(x^2-x+1)}$
22. $\int \frac{(3x^3-1)\ dx}{x^2-1}$
23. $\int \frac{dx}{(x+4)\cdot(x-2)^2}$
24. $\int \frac{x^2}{x^4-9}\ dx$
25. $\int \frac{(1+\sqrt[6]{1+3x})\ dx}{\sqrt{1+3x}-\sqrt[3]{1+3x}}$
26. $\int \frac{x\ dx}{\sqrt[3]{x-1}}$
27. $\int \frac{\sqrt[3]{1+\sqrt[4]{x^3}}}{x^2}\ dx$
28. $\int \sqrt{\frac{4-x}{x-12}}\ dx$
29. $\int \frac{dx}{\sqrt{(64-x^2)^3}}$
30. $\int \frac{dx}{\sqrt{(x^2+4)^3}}$
31. $\int \frac{\sin^2 x-\ \cos^2 x}{\sin^4 x+\ \cos^4 x}\ dx$
32. $\int \frac{\sin^4 x}{\cos^6 x}\ dx$
33. $\int \frac{dx}{4+\sin^2 x+6\cos^2 x}$
34. $\int \frac{dx}{3-2\cos x}$
35. $\int \frac{\cos^5 x\ dx}{\sqrt[4]{\sin^5 x}}$
36. $\int \frac{dx}{\sin^3 x}$
37. $\int \cos\sqrt[3]{x}\ dx$
38. $\int \frac{e^{2x}\ dx}{\sqrt[4]{e^x+1}}$

Неопределенный интеграл

1. $\int \frac{\sin 2x}{\cos^9 2x}\,dx$
2. $\int \frac{x^2+\ln^3 x}{x}\,dx$
3. $\int \frac{(x+\cos x)}{x^2+2\sin x}\,dx$
4. $\int \frac{e^{2x}}{\sqrt{4+9e^{4x}}}\,dx$
5. $\int \frac{(2-\sqrt{x})^3\,dx}{\sqrt{x}}$
6. $\int \operatorname{ctg}^2 x\,dx$
7. $\int \frac{x^3\,dx}{(8x^4+3)^7}$
8. $\int \frac{dx}{\sqrt{x}\cdot(4-5x)}$
9. $\int \cos\sqrt[3]{x}\cdot\frac{dx}{\sqrt[3]{x^2}}$
10. $\int \frac{dx}{\arcsin 2x\cdot\sqrt{1-4x^2}}$
11. $\int x\cdot\ln(x^2+4)\,dx$
12. $\int(1-5x)\ \sin 8x\,dx$
13. $\int(x^2-x)\cdot e^{3x-1}\,dx$
14. $\int x\cdot\operatorname{tg}^2 x\,dx$
15. $\int \frac{x\cdot\arcsin x}{\sqrt{1-x^2}}\,dx$
16. $\int e^{3x}\cdot\sin\frac{x}{5}\,dx$
17. $\int \frac{dx}{x^2+8x+18}$
18. $\int \frac{dx}{\sqrt{2-x^2-3x}}$
19. $\int \frac{(2x+5)\,dx}{\sqrt{3x^2+6x+1}}$
20. $\int \frac{(2-x)\,dx}{4x-3x^2-1}$
21. $\int \frac{x^3-6x^2+13x-6}{(x^2-4)\,(x-2)}\,dx$
22. $\int \frac{x^2}{x^4-16}\,dx$
23. $\int \frac{(3x^5-2x^3-7)\,dx}{x^2+2x}$
24. $\int \frac{dx}{x^4+x}$
25. $\int \frac{\sqrt{x-5}\,dx}{3x+2}$
26. $\int \frac{\sqrt{x}-\sqrt[3]{x^2}}{x\cdot(1+\sqrt[6]{x})}\,dx$
27. $\int \frac{dx}{x\cdot\sqrt[3]{1+x^5}}\,dx$
28. $\int \sqrt{\frac{1-x}{1+x}}\,\frac{dx}{x}$
29. $\int \frac{x^2\,dx}{\sqrt{25-x^2}}$
30. $\int \frac{x^3\,dx}{\sqrt{(16+x^2)^3}}$
31. $\int \cos^5 x\cdot\sin^4 x\,dx$
32. $\int \frac{dx}{7-4\sin x}$
33. $\int \frac{dx}{4+5\cos^2 x+\sin^2 x}$
34. $\int \frac{dx}{\sin^2 x\cdot\cos^4 x}$
35. $\int \frac{dx}{4+3\operatorname{tg}\ x}$
36. $\int \sin\frac{3x}{2}\cos\frac{x}{5}\,dx$
37. $\int \frac{dx}{x\sqrt{x^2+x+1}}$
38. $\int \frac{dx}{e^{3x}+e^x}$

Неопределенный интеграл

1. $\int \frac{\arccos^3 x - 1}{\sqrt{1-x^2}}\,dx$
2. $\int \left(1 - \frac{1}{x^2}\right)\,\sqrt{x\sqrt{x}}\,dx$
3. $\int \sqrt{1-\sin 2x}\,dx$
4. $\int \operatorname{ctg}^2 3x\,dx$
5. $\int \frac{dx}{\cos^2 x\,(4 - 5\operatorname{tg}\,x)}$
6. $\int x^4 \cdot \sqrt[7]{1-6x^5}\,dx$
7. $\int \frac{dx}{x\cdot(5+4\ln^2 x)}$
8. $\int x^2 \cdot e^{4-5x^3}\,dx$
9. $\int \frac{3^{2x}\,dx}{\sqrt{3^{4x}-8}}$
10. $\int \frac{\operatorname{arctg}\,\sqrt{x}}{\sqrt{x}\,(1+x)}\,dx$
11. $\int x\cdot\sin^2 x\,dx$
12. $\int \frac{\ln x}{\sqrt{x}}\,dx$
13. $\int \operatorname{arctg}\,\sqrt{5x-1}\,dx$
14. $\int x^5 \cdot e^{x^2}\,dx$
15. $\int 2^x \cdot \cos x\,dx$
16. $\int \frac{x\cdot\sin x}{\cos^3 x}\,dx$
17. $\int \frac{dx}{x^2+4x-5}$
18. $\int \frac{dx}{\sqrt{x^2+7x-11}}$
19. $\int \frac{(4x-6)dx}{2x^2+2x+5}$
20. $\int \frac{x\,dx}{\sqrt{5+x-x^2}}$
21. $\int \frac{(x^3+1)\,dx}{x^3-5x^2+6x}$
22. $\int \frac{dx}{(x^2+x)\,(1+x+x^2)}$
23. $\int \frac{x^2\,dx}{(x^2-3x+2)^2}$
24. $\int \frac{(x^3+6x^2+8x+8)\,dx}{(x+2)^2\,(x^2+4)}$
25. $\int \frac{\sqrt{x}\,dx}{4x-\sqrt[3]{x^2}}$
26. $\int \frac{x^3\,dx}{\sqrt{x+2}}$
27. $\int \frac{\sqrt[3]{(1+\sqrt[4]{x})^2}}{x^2\cdot\sqrt[4]{x}}\,dx$
28. $\int \sqrt{\frac{6-x}{x-14}}\,dx$
29. $\int \sqrt{16-x^2}\,dx$
30. $\int \frac{\sqrt{x^2-9}}{x^4}\,dx$
31. $\int \frac{dx}{\cos^3 x\,\sin^3 x}$
32. $\int \frac{\sin^5 x\,dx}{\sqrt[5]{\cos^3 x}}$
33. $\int \frac{dx}{2\sin x - \cos x + 5}$
34. $\int \frac{dx}{1+\sin^2 x}$
35. $\int \operatorname{ctg}^5\,x\,dx$
36. $\int \cos 2x\cdot\cos 7x\,dx$
37. $\int \frac{dx}{(e^x+1)^2}$
38. $\int e^{\sqrt[3]{x}}\,dx$

Неопределенный интеграл

1. $\int \frac{\sqrt{x^4+2+x^{-4}}\,dx}{x^3}$
2. $\int \frac{e^{-3\ \mathrm{ctg}\ 2x}\,dx}{\sin^2 2x}$
3. $\int \frac{x\,dx}{7-6x^2}$
4. $\int \frac{\arcsin^5 x}{\sqrt{1-x^2}}\,dx$
5. $\int \frac{x^3\,dx}{x^8+3}$
6. $\int \sqrt[5]{10-7x}\,dx$
7. $\int x\cdot\cos(3-5x^2)\,dx$
8. $\int \frac{dx}{x\cdot\sqrt[3]{2\ln x-9}}$
9. $\int(1-\sqrt[3]{x})\cdot(\sqrt{x}+2)^2\,dx$
10. $\int \frac{\cos^4 x}{\sin^6 x}\,dx$
11. $\int x^2\ \sin 2x\,dx$
12. $\int(3x-4)\,e^{-5x}\,dx$
13. $\int \ln(x+\sqrt{1+x^2})\,dx$
14. $\int \arcsin(1-x)\,dx$
15. $\int \mathrm{arctg}\ \sqrt{x}\,dx$
16. $\int e^{-3x}\cdot\cos\left(\frac{x}{5}\right)\,dx$
17. $\int \frac{dx}{x^2-8x+21}$
18. $\int \frac{dx}{\sqrt{5x-x^2}}$
19. $\int \frac{(3x-1)\,dx}{x^2-6x-5}$
20. $\int \frac{(x+1)\,dx}{\sqrt{x^2+x+1}}$
21. $\int \frac{(x+1)^3\,dx}{x^2-x}$
22. $\int \frac{(x^2+1)\,dx}{(x-1)^3\cdot(x+3)}$
23. $\int \frac{2x\,dx}{(x+1)\cdot(x^2+x+1)}$
24. $\int \frac{x^2\,dx}{16x^4-1}$
25. $\int \frac{x^3\,dx}{1+\sqrt[3]{x+1}}$
26. $\int \frac{\sqrt{x+2}}{x-3}\,dx$
27. $\int x^3\cdot\sqrt{7+x^2}\,dx$
28. $\int \frac{dx}{\sqrt[3]{1+x}-\sqrt{1-x}}$
29. $\int \frac{x^2\,dx}{\sqrt{9-x^2}}$
30. $\int \frac{x^3\,dx}{\sqrt{9+x^2}}$
31. $\int \frac{dx}{\sin^3 x\cdot\cos^2 x}$
32. $\int \frac{dx}{2\sin^2 x-5\cos^2 x}$
33. $\int \frac{dx}{1+\mathrm{tg}\ x}$
34. $\int(1+\cos x)^4\,dx$
35. $\int \sqrt[3]{\sin^4 x}\cdot\cos^5 x\,dx$
36. $\int \frac{dx}{3\sin x-7\cos x+2}$
37. $\int \cos\sqrt[3]{x}\ dx$
38. $\int \frac{e^{3x}+e^x}{e^{4x}-e^{2x}+1}\,dx$

Неопределенный интеграл

1. $\int \dfrac{x\,dx}{x^4-16}$
2. $\int \dfrac{(x-1)\,dx}{\sqrt{x^7}}$
3. $\int \dfrac{(1-\cos x)\,dx}{(x-\sin x)^3}$
4. $\int x\cdot e^{1-3x^2}\,dx$
5. $\int \dfrac{dx}{x\cdot\sqrt{\ln^2 x+2}}$
6. $\int \dfrac{(1+\arcsin^2 x)\,dx}{\sqrt{1-x^2}}$
7. $\int(\mathrm{tg}^2\ x+\mathrm{tg}^4\ x)\,dx$
8. $\int \dfrac{e^{5x}\,dx}{2-3e^{5x}}$
9. $\int \dfrac{(5x-2)}{x^2+4}\,dx$
10. $\int \dfrac{\cos\sqrt{x}}{\sqrt{x}}\,dx$
11. $\int(7x+5)\ \cos 3x\,dx$
12. $\int \arccos 2x\,dx$
13. $\int(x^5+x^2)\cdot e^{-x^3}\,dx$
14. $\int \dfrac{\ln^2 x\,dx}{\sqrt[3]{x^2}}$
15. $\int e^{3x}\cdot\cos 3x\,dx$
16. $\int \mathrm{arctg}\ \sqrt{3x}\,dx$
17. $\int \dfrac{dx}{x^2+7x-2}$
18. $\int \dfrac{dx}{\sqrt{2x-3-x^2}}$
19. $\int \dfrac{x\,dx}{x^2+4x+29}$
20. $\int \dfrac{(2x+3)\,dx}{\sqrt{x^2-x}}$
21. $\int \dfrac{dx}{x^4-x^2-2}$
22. $\int \dfrac{(x^2+5)\,dx}{(x-1)\cdot(x+2)^2}$
23. $\int \dfrac{dx}{x^3+8}$
24. $\int \dfrac{(x^3-3x^2-12)\,dx}{x\,(x-4)\,(x-3)}$
25. $\int \dfrac{dx}{(1+\sqrt[3]{x})\,\sqrt{x}}$
26. $\int \dfrac{\sqrt{x+3}\,dx}{\sqrt[3]{x+3}+\sqrt[6]{x+3}}$
27. $\int \dfrac{dx}{\sqrt[3]{x}+\sqrt{x}}$
28. $\int \sqrt{\dfrac{x}{2-x}}\,dx$
29. $\int x^2\cdot\sqrt{x^2-4}\,dx$
30. $\int \dfrac{x^3\,dx}{\sqrt{x^2+2}}$
31. $\int \dfrac{dx}{1+3\cos x}$
32. $\int \dfrac{dx}{\cos^2 x-4\sin^2 x+5}$
33. $\int \sin^4(x/2)\,dx$
34. $\int \dfrac{\sin^3 x\,dx}{\cos^7 x}$
35. $\int \dfrac{\cos 2x\,dx}{\sin^4 x}$
36. $\int \dfrac{dx}{2+\mathrm{tg}\ x+\mathrm{ctg}\ x}$
37. $\int \dfrac{(e^x-2)\,dx}{e^x+6}$
38. $\int \dfrac{\ln(\cos x)}{\cos^2 x}\,dx$

Неопределенный интеграл

1. $\int \frac{x^4\,dx}{\sqrt{x^{10}+10}}$
2. $\int \frac{x\,\cos x+\sin x}{(x\,\sin x)^2}\,dx$
3. $\int \operatorname{tg}\,x\,\ln(\cos x)\,dx$
4. $\int \frac{x-\operatorname{arctg}\,x}{x^2+1}\,dx$
5. $\int \frac{dx}{x\cdot\sqrt[6]{1+5\ln x}}$
6. $\int \left(\frac{1-x}{x}\right)^2\,dx$
7. $\int \cos^2\left(\frac{2x}{7}\right)\,dx$
8. $\int (x^2-1)\,e^{3x-x^3}\,dx$
9. $\int \frac{2^x\,dx}{\sqrt{7-3\cdot 2^x}}$
10. $\int \frac{3x-5}{2-9x^2}\,dx$
11. $\int (5x-2)\,e^{-7x}\,dx$
12. $\int \operatorname{arctg}\,\sqrt{4x-1}\,dx$
13. $\int (3x^2+5)\,\cos 2x\,dx$
14. $\int \sin x\cdot\ln\operatorname{tg}\,x\,dx$
15. $\int \frac{x\,\cos 2x\,dx}{\sin^3 2x}$
16. $\int e^{-3x}\,\cos 2x\,dx$
17. $\int \frac{dx}{\sqrt{x^2-5x}}$
18. $\int \frac{dx}{4x^2+4x+9}$
19. $\int \frac{(x+1)\,dx}{x^2+x+5}$
20. $\int \frac{(3-2x)\,dx}{\sqrt{1-3x-x^2}}$
21. $\int \frac{x^3\,dx}{x^4-3x^2-4}$
22. $\int \frac{dx}{x^4-8x}$
23. $\int \frac{(x^2+1)\,dx}{(x+1)^2\,(x-1)}$
24. $\int \frac{x^5+x^4-8}{x^3-4x}\,dx$
25. $\int \frac{\sqrt{x}}{1-\sqrt[4]{x}}\,dx$
26. $\int \frac{(\sqrt{3x+1}-1)\,dx}{\sqrt[3]{3x+1}+\sqrt{3x+1}}$
27. $\int \frac{dx}{x^{11}\sqrt{1+x^4}}$
28. $\int \sqrt{\frac{3-2x}{2x-7}}\,dx$
29. $\int \frac{\sqrt{(4-x^2)^3}}{x^4}\,dx$
30. $\int \frac{x^7\,dx}{\sqrt{(x^2+1)^5}}$
31. $\int \frac{\cos^4 x}{\sin x}\,dx$
32. $\int \frac{dx}{\cos^6 x}$
33. $\int \frac{dx}{2-4\sin x\ +5\cos x}$
34. $\int \frac{dx}{a^2\sin^2 x+b^2\cos^2 x}$
35. $\int \sin^3 x\,\sqrt[9]{\cos^5 x}\,dx$
36. $\int \cos^4 5x\,dx$
37. $\int \frac{dx}{e^x\,\sqrt[4]{1+e^{-2x}}}$
38. $\int \frac{x\,\arccos x\,dx}{\sqrt{1-x^2}}$

Неопределенный интеграл

1. $\int \frac{1-\sin\sqrt[3]{x}}{\sqrt[3]{x^2}}\,dx$
2. $\int \frac{dx}{\sqrt[5]{(ax+b)^4}}$
3. $\int e^{\sin^2 x}\,\sin 2x\,dx$
4. $\int \frac{x\,dx}{\sqrt{4+3x^2}}$
5. $\int \frac{\sin 5x\,dx}{3-2\cos 5x}$
6. $\int \frac{dx}{x\,(4+5\ln x)^5}$
7. $\int x^4\cdot\sqrt{1-6x^5}\,dx$
8. $\int \frac{dx}{4+5x^2}$
9. $\int \frac{(x-1)}{\sqrt{9-x^2}}\,dx$
10. $\int e^{\sqrt{x}}\cdot\frac{dx}{\sqrt{x}}$
11. $\int \frac{\operatorname{arctg}\sqrt{x}}{\sqrt{x}}\,dx$
12. $\int (5x-7)\cos\left(\frac{x}{2}\right)\,dx$
13. $\int (1-x^2)\cdot e^{-2x}\,dx$
14. $\int x\cdot\ln(x-1)\,dx$
15. $\int x\cdot\operatorname{tg}^2 x\,dx$
16. $\int \sqrt{1+x^2}\,dx$
17. $\int \frac{dx}{x^2+8x+20}$
18. $\int \frac{dx}{\sqrt{7-6x-x^2}}$
19. $\int \frac{(x+1)\,dx}{\sqrt{x^2+6x+4}}$
20. $\int \frac{(2x-1)\,dx}{3x^2-3x+2}$
21. $\int \frac{x\,dx}{(x^2+3x+2)\,(x+3)}$
22. $\int \frac{(2x^2-5x+1)}{x^3-2x^2+x}\,dx$
23. $\int \frac{dx}{x^4-x^2-6}$
24. $\int \frac{x^4\,dx}{x^3-a^3}$
25. $\int \frac{x\,dx}{\sqrt[3]{4-x}}$
26. $\int \frac{dx}{\sqrt[3]{x^2}+2\sqrt{x}}$
27. $\int \frac{x\,dx}{\sqrt{x+2}+\sqrt{x+3}}$
28. $\int \sqrt[3]{1+\sqrt[4]{x}}\,dx$
29. $\int \frac{x^2\,dx}{\sqrt{(2+x^2)^5}}$
30. $\int \frac{dx}{x^3\cdot\sqrt{x^2-1}}$
31. $\int \frac{(\sin x+\cos x)\,dx}{\sin 2x}$
32. $\int (1+2\cos x)^3\,dx$
33. $\int \frac{dx}{5+3\cos^2 x+7\sin^2 x}$
34. $\int \operatorname{ctg}^3 x\,dx$
35. $\int \frac{dx}{\cos^8 x}$
36. $\int \frac{dx}{3-2\cos x+4\sin x}$
37. $\int \cos\sqrt[3]{x}\,dx$
38. $\int \frac{e^x\sqrt{e^x-1}\,dx}{e^x+3}$

Неопределенный интеграл

1. $\int \frac{(3x-5)\,dx}{\sqrt{4-25x^2}}$
2. $\int \frac{(1-\sqrt{x})^3}{\sqrt[5]{x^2}}\,dx$
3. $\int \frac{e^x\,dx}{(7-e^x)^2}$
4. $\int \frac{(2-3\,\mathrm{tg}\;x)^6\,dx}{\cos^2 x}$
5. $\int \frac{dx}{x\,(9+\ln^2 x)}$
6. $\int \frac{x\,(1+x^2)\,dx}{1+x^4}$
7. $\int \frac{\sin 2x\,dx}{\sqrt{1+\cos^4 x}}$
8. $\int x\cdot\sqrt[4]{3x^2-8}\,dx$
9. $\int \frac{e^{\sin\sqrt{x}}\cos\sqrt{x}}{\sqrt{x}}\,dx$
10. $\int \frac{dx}{\arccos 3x\cdot\sqrt{1-9x^2}}$
11. $\int x\;\ln(1-x^2)\,dx$
12. $\int \arcsin\sqrt{x}\,dx$
13. $\int x^2\sin 3x\,dx$
14. $\int (x+2)\cdot 7^{-x/3}\,dx$
15. $\int e^{3x}\cdot\cos 5x\,dx$
16. $\int \frac{x^3}{\sin^2(2-3x^2)}\,dx$
17. $\int \frac{dx}{x^2+4x+9}$
18. $\int \frac{dx}{\sqrt{2-9x-x^2}}$
19. $\int \frac{(7x-5)dx}{6x^2+7x-9}$
20. $\int \frac{(x-5)\,dx}{\sqrt{x^2+2x-5}}$
21. $\int \frac{dx}{6x^3-7x^2-3x}$
22. $\int \frac{dx}{(x^2-3x+2)^2}$
23. $\int \frac{(x^3-3x^2-12)\,dx}{(x-2)\,(x-3)\,(x-4)}$
24. $\int \frac{x\,dx}{8x^3-1}$
25. $\int \frac{dx}{x\cdot(\sqrt{x}+\sqrt[5]{x^2})}$
26. $\int \frac{\sqrt{x-1}-1}{\sqrt[3]{x-1}}\,dx$
27. $\int \frac{\sqrt{x}\,dx}{1+\sqrt[4]{x}}$
28. $\int \frac{\sqrt[5]{(1+\sqrt[3]{x})^4}}{x\,\sqrt[5]{x^3}}\,dx$
29. $\int \frac{dx}{\sqrt{(16-x^2)^5}}$
30. $\int \frac{x^2dx}{\sqrt{(1+x^2)^3}}$
31. $\int \frac{dx}{\cos^2 x\;\sin x}$
32. $\int \frac{\cos^3 x\,dx}{\sin^6 x}$
33. $\int \frac{dx}{8-4\sin x+7\cos x}$
34. $\int \frac{dx}{a^2-b^2\;\sin^2 x}$
35. $\int \cos 3x\;\sin 5x\,dx$
36. $\int \mathrm{ctg}^4\;x\,dx$
37. $\int \frac{e^{3x}\,dx}{\sqrt{e^x+2}}$
38. $\int \sqrt{1+\sin x}\,dx$

Неопределенный интеграл

1. $\int \dfrac{dx}{\sqrt{x+a}+\sqrt{x}}$
2. $\int \dfrac{\operatorname{tg}\,(2x+1)}{\cos^2(2x+1)}\,dx$
3. $\int \dfrac{(3x-\operatorname{arctg}^3\,2x)}{1+4x^2}\,dx$
4. $\int \cos^3 x\,\sin 2x\,dx$
5. $\int \dfrac{e^{1-2\operatorname{ctg}\,x}}{\sin^2 x}\,dx$
6. $\int \dfrac{dx}{\sqrt[5]{(2+7x)^9}}$
7. $\int x^4\cdot\sqrt[7]{2-9x^5}\,dx$
8. $\int \dfrac{\sqrt[3]{x^5}+\sqrt[6]{x^5}}{\sqrt[4]{x^3}}\,dx$
9. $\int \dfrac{x^5\,dx}{\sqrt{1-4x^{12}}}$
10. $\int \dfrac{dx}{x\cdot\ln^3 x}$
11. $\int \operatorname{arctg}\,6x\,dx$
12. $\int (5-x)\,3^{-x}\,dx$
13. $\int x\,\sin^2 x\,dx$
14. $\int \dfrac{\ln x}{\sqrt[4]{x}}\,dx$
15. $\int \dfrac{\arcsin x}{x^2}\,dx$
16. $\int e^{5x}\cdot\sin x\,dx$
17. $\int \dfrac{dx}{4x^2-2x-1}$
18. $\int \dfrac{dx}{\sqrt{2x-x^2}}$
19. $\int \dfrac{x\,dx}{x^2+6x+18}$
20. $\int \dfrac{(3-4x)\,dx}{\sqrt{3x^2-12x+1}}$
21. $\int \dfrac{x^3+5}{x^3+2x}\,dx$
22. $\int \dfrac{(x^3-6)\,dx}{x^4-5x^2+6}$
23. $\int \dfrac{(x^3+6x^2-39x+20)\,dx}{(x+1)^2\cdot(x-3)^3}$
24. $\int \dfrac{x\,dx}{x^3+125}$
25. $\int \dfrac{\sqrt{5x-2}\,dx}{\sqrt[3]{(5x-2)^2}-\sqrt[4]{5x-2}}$
26. $\int \dfrac{x}{1+\sqrt{x}}\,dx$
27. $\int \dfrac{dx}{\sqrt{x+1}+\sqrt{x+6}}$
28. $\int \sqrt{\dfrac{x+3}{x-3}}\,dx$
29. $\int \dfrac{dx}{x^5\sqrt{x^2-1}}$
30. $\int x^3\cdot\sqrt{1+x^2}\,dx$
31. $\int \dfrac{dx}{\cos^3 x\cdot\sin x}$
32. $\int \dfrac{dx}{a^2-b^2\cos^2 x}$
33. $\int \dfrac{dx}{5+3\cos x-2\sin x}$
34. $\int \sin^5 x\cdot\cos^6 x\,dx$
35. $\int \sin 2x\,\cos 3x\,\sin 4x\,dx$
36. $\int \sin^4 3x\,dx$
37. $\int \dfrac{dx}{3-2\operatorname{tg}\,x}$
38. $\int \dfrac{dx}{e^x\cdot(e^{2x}+1)}\,dx$

Неопределенный интеграл

1. $\int \dfrac{\sqrt{2-x^2}-\sqrt{2+x^2}}{\sqrt{4-x^4}}\,dx$
2. $\int \dfrac{\cos x\,dx}{3+2\sin x}$
3. $\int \dfrac{dx}{(x+3)\cdot[2-5\ln(x+3)]^2}$
4. $\int \operatorname{tg}^2 3x\,dx$
5. $\int x^2\cdot\sqrt[5]{7-3x^3}\,dx$
6. $\int (2x+7)\cdot e^{x^2+7x}\,dx$
7. $\int (x-1)(3x^2+5)\,dx$
8. $\int \dfrac{dx}{3x^2-5}$
9. $\int \dfrac{dx}{\sqrt{(1-x^2)\cdot\arcsin x}}$
10. $\int \dfrac{x\,dx}{2x^4+9}$
11. $\int x^2\,\sin x\,dx$
12. $\int (1-5x)e^{-3x}\,dx$
13. $\int \dfrac{x\,\arcsin x}{\sqrt{1-x^2}}\,dx$
14. $\int \sqrt[3]{x^2}\,\ln x\,dx$
15. $\int \sin(\ln x)\,dx$
16. $\int \operatorname{arctg}\,\sqrt{6x-1}\,dx$
17. $\int \dfrac{dx}{x^2-4x-11}$
18. $\int \dfrac{dx}{\sqrt{9x-x^2-2}}$
19. $\int \dfrac{(5x-7)\,dx}{x^2-x+16}$
20. $\int \dfrac{(2x-1)\,dx}{\sqrt{x^2-4x+1}}$
21. $\int \dfrac{(x^4+2x-2)\,dx}{x^4-1}$
22. $\int \dfrac{(5x^3-8)\,dx}{x^3-4x}$
23. $\int \dfrac{(2x^2-5x+1)\,dx}{x^3-2x^2+x}$
24. $\int \dfrac{dx}{x^3-1}$
25. $\int \dfrac{\sqrt{x}-\sqrt[3]{x}}{\sqrt[3]{x}-\sqrt[6]{x}-1}\,dx$
26. $\int \dfrac{x^2\,dx}{\sqrt{x-2}}$
27. $\int \dfrac{\sqrt[3]{1+\sqrt{x}}}{x}\,dx$
28. $\int (1+x^3)^{-4/3}\,dx$
29. $\int \dfrac{\sqrt{1+x^2}}{x}\,dx$
30. $\int \dfrac{\sqrt{9-x^2}}{x^6}\,dx$
31. $\int \dfrac{dx}{3-6\sin x+5\cos x}$
32. $\int \dfrac{dx}{1-4\sin^2 x}$
33. $\int \cos^2 x\cdot\sin^3 x\,dx$
34. $\int \dfrac{dx}{\cos^8 x}$
35. $\int \sin\left(\dfrac{2x}{3}\right)\cdot\sin\left(\dfrac{5x}{6}\right)\,dx$
36. $\int \operatorname{tg}^7\,x\,dx$
37. $\int \dfrac{dx}{e^{2x}-1}$
38. $\int \cos\sqrt[3]{x}\,dx$

Неопределенный интеграл

1. $\int \frac{(1-x^4)^2\,dx}{\sqrt[3]{x}}$
2. $\int \frac{\cos x\,dx}{\sqrt[3]{\sin^2 x}}$
3. $\int x^4 \cdot 5^{1-3x^5}\,dx$
4. $\int \frac{dx}{5x^2+7}$
5. $\int \frac{dx}{\cos^2 x \cdot (3-7\,\mathrm{tg}\ x)}$
6. $\int \frac{2^{\ln x}\,dx}{x\cdot\sqrt{1+4^{\ln x}}}$
7. $\int \frac{dx}{\sqrt{x}\cdot(x-7)}$
8. $\int \frac{(4x+x^3)\,dx}{\sqrt{1+x^4}}$
9. $\int \frac{\mathrm{arctg}^5\ x+6x+1}{1+x^2}\,dx$
10. $\int \frac{dx}{x\cdot\sqrt{4-9\ln^2 x}}$
11. $\int (x^3+x)\,e^{-x^2}\,dx$
12. $\int \arcsin 5x\,dx$
13. $\int (1-7x)\ \sin 3x\,dx$
14. $\int \sqrt{x}\ \ln x\,dx$
15. $\int \frac{x\ dx}{\sin^2 x}$
16. $\int e^{-x}\cdot\cos(x/2)\,dx$
17. $\int \frac{dx}{1-3x-x^2}$
18. $\int \frac{dx}{\sqrt{3-2x-x^2}}$
19. $\int \frac{(5x+6)\,dx}{3x^2+2x+1}$
20. $\int \frac{(8x-11)\,dx}{\sqrt{x^2+2x+5}}$
21. $\int \frac{(x^2+x+1)\,dx}{x\,(x+1)\,(x-2)}$
22. $\int \frac{(x^3+2)\,dx}{x^4+3x^2}$
23. $\int \frac{x^2\,dx}{(x^2+2)\cdot(x+4)^2}$
24. $\int \frac{dx}{x^4+8x}$
25. $\int \frac{dx}{\sqrt[3]{x}+\sqrt{x}}$
26. $\int \frac{(x+1)\,dx}{x\cdot\sqrt{x+2}}$
27. $\int \frac{\sqrt{1+x}}{\sqrt{x^5}}\,dx$
28. $\int \frac{x^7\,dx}{\sqrt{1+x^4}}$
29. $\int \frac{\sqrt{(1+x^2)^3}}{x}\,dx$
30. $\int \frac{x^2\ dx}{\sqrt{4-x^2}}$
31. $\int \cos x\ \ \sin 2x\ \ \cos 7x\,dx$
32. $\int \mathrm{ctg}^5\ 2x\,dx$
33. $\int \frac{dx}{3+5\sin x+3\cos x}$
34. $\int \frac{dx}{3\sin^2 x+8\cos^2 x}$
35. $\int \frac{\sin^5 x\ dx}{\sqrt[5]{\cos^4 x}}$
36. $\int \frac{dx}{\sin^6 x}$
37. $\int \cos^2 x\cdot\sin^4 x\,dx$
38. $\int \frac{dx}{(e^x+1)^2}$

Неопределенный интеграл

1. $\int \dfrac{x-\sqrt{\operatorname{arctg}\,2x}}{1+4x^2}\,dx$
2. $\int 2^x\cdot 3^{2x}\,dx$
3. $\int \dfrac{\sin 4x}{(3+2\cos 4x)^3}\,dx$
4. $\int \dfrac{dx}{x\cdot\sqrt{25-4\ln^2 x}}$
5. $\int \dfrac{\sqrt{x}+\sqrt{a}}{\sqrt[5]{x}}\,dx$
6. $\int \dfrac{4x^3\,dx}{\sqrt{1+9x^8}}$
7. $\int x\cdot e^{-4-3x^2}\,dx$
8. $\int \dfrac{dx}{3x^2-4}$
9. $\int \dfrac{x^7\,dx}{4-5x^8}$
10. $\int \dfrac{dx}{\sin^2 x\cdot\cos^2 x}$
11. $\int \dfrac{\ln^2 x}{x^3}\,dx$
12. $\int \dfrac{x}{\sin^2 x}\,dx$
13. $\int (x^3+x)\cdot e^{-3x^2}\,dx$
14. $\int \operatorname{arcctg}\,3x\,dx$
15. $\int (2x+8)\cdot\cos(x/3)\,dx$
16. $\int \cos(\ln x)\,dx$
17. $\int \dfrac{dx}{x^2+5x+15}$
18. $\int \dfrac{dx}{\sqrt{3x-4x^2}}$
19. $\int \dfrac{(5x-3)\,dx}{\sqrt{2x^2+8x+1}}$
20. $\int \dfrac{(3x+4)\,dx}{3+2x-x^2}$
21. $\int \dfrac{3x^4+3x^3-5x^2+2}{x\,(x+2)\,(x-1)}\,dx$
22. $\int \dfrac{x\,dx}{27x^3+8}$
23. $\int \dfrac{(2-x)\,dx}{(7-x)^3}$
24. $\int \dfrac{x^2\,dx}{16-x^4}$
25. $\int \dfrac{(\sqrt{x}-1)\,dx}{\sqrt{x}\cdot(1+\sqrt[3]{x})}$
26. $\int \dfrac{dx}{\sqrt[3]{3x+1}-1}$
27. $\int \dfrac{\sqrt{1+\sqrt[3]{x^2}}}{x^2}\,dx$
28. $\int x\cdot\sqrt[4]{x-1}\,dx$
29. $\int \sqrt{9-2x^2}\,dx$
30. $\int \dfrac{dx}{\sqrt{(1+x^2)^3}}$
31. $\int \dfrac{dx}{\sin^3 x}$
32. $\int \dfrac{dx}{2-3\cos^2 x}$
33. $\int \cos 2x\cdot\cos^2 x\,dx$
34. $\int \operatorname{ctg}^3 2x\,dx$
35. $\int \dfrac{\sin^5 x}{\cos^6 x}\,dx$
36. $\int \dfrac{dx}{4\sin x+3\cos x}$
37. $\int \cos\sqrt[3]{x}\,dx$
38. $\int \dfrac{dx}{\sqrt{e^x+4}}$

Неопределенный интеграл

1. $\int \dfrac{\sin 9x\,dx}{5+\cos^2 9x}$
2. $\int \dfrac{3-2\ \mathrm{ctg}^2\ x}{\cos^2 x}\,dx$
3. $\int \dfrac{dx}{x\ \ln x\ \ln^2(\ln x)}$
4. $\int \dfrac{e^x\,dx}{\sqrt{e^x+1}}$
5. $\int \dfrac{x^2\,dx}{(7x^3+5)^4}$
6. $\int \sin(1/x)\,\dfrac{dx}{x^2}$
7. $\int \dfrac{(1-2x^2)^2\,dx}{x\cdot\sqrt[3]{x}}$
8. $\int \dfrac{dx}{\sqrt{1-9x^2}\,\sqrt{1-\arcsin 3x}}$
9. $\int \dfrac{dx}{\sqrt{3+5x^2}}$
10. $\int x^3\cdot\sqrt[5]{7x^4-9}\,dx$
11. $\int (x^2+3)\cdot e^{-2x}\,dx$
12. $\int \dfrac{\ln(\cos x)\,dx}{\cos^2 x}$
13. $\int (x+6)\cdot\cos 6x\,dx$
14. $\int \dfrac{\arccos x\,dx}{\sqrt{1-x}}$
15. $\int 2^x\cdot\cos 3x\,dx$
16. $\int \ln(x+\sqrt{x^2-4})\,dx$
17. $\int \dfrac{dx}{x^2+8x+12}$
18. $\int \dfrac{dx}{\sqrt{1-8x-4x^2}}$
19. $\int \dfrac{(x+4)dx}{7+6x-x^2}$
20. $\int \dfrac{(6x-1)dx}{\sqrt{x^2+3x+8}}$
21. $\int \dfrac{x^2-2x+1}{x^3+2x^2+x}\,dx$
22. $\int \dfrac{(x-1)\,dx}{x^3+5x}$
23. $\int \dfrac{(x^2-x)\,dx}{8x^3-125}$
24. $\int \dfrac{x+\sqrt[3]{x^2}+\sqrt[6]{x}}{x\cdot(1+\sqrt[3]{x})}\,dx$
25. $\int \dfrac{x^3-5x^2+5x+23}{(x-1)\,(x+1)\,(x-5)}\,dx$
26. $\int \dfrac{dx}{\sqrt{x+1}+1}$
27. $\int \dfrac{\sqrt[5]{(1+\sqrt[3]{x^2})^4}}{x^2\cdot\sqrt[5]{x}}\,dx$
28. $\int \dfrac{x\,dx}{\sqrt{x+2}+\sqrt{x+6}}$
29. $\int \dfrac{\sqrt{x^2-3}\,dx}{x}$
30. $\int \dfrac{x^2dx}{\sqrt{(2+x^2)^3}}$
31. $\int \dfrac{dx}{\cos^3 x\ \sin^2 x}$
32. $\int \cos^4\left(\dfrac{x}{4}\right)\,dx$
33. $\int \dfrac{dx}{2\sin x-3\cos x}$
34. $\int \dfrac{dx}{4+3\cos^2 x}$
35. $\int \sqrt[3]{\sin^2 x}\ \cos^5 x\,dx$
36. $\int \dfrac{dx}{1+\mathrm{ctg}\ x}$
37. $\int \dfrac{e^{2x}\,dx}{\sqrt[4]{e^x-1}}$
38. $\int x^3\cdot\mathrm{arctg}\ x\,dx$

Неопределенный интеграл

1. $\int \dfrac{dx}{x\,\ln^5 x}$
2. $\int \dfrac{\sin x\,dx}{\sqrt[5]{(3+5\cos x)^2}}$
3. $\int \dfrac{dx}{x\,\sqrt{4-9\ln^2 x}}$
4. $\int \cos^2\left(\dfrac{x}{3}\right)\,dx$
5. $\int \dfrac{dx}{\sqrt{5x^2-2}}$
6. $\int \dfrac{\cos^2 x}{\sin^4 x}\,dx$
7. $\int (1-2x)\,e^{x^2-x}\,dx$
8. $\int \dfrac{3^{5x}\,dx}{4+9^{5x}}$
9. $\int \dfrac{\sec^2\sqrt{x}\,dx}{\sqrt{x}\,(3-2\ \mathrm{tg}\ \sqrt{x})}$
10. $\int (x^2-1)\,(x+6)^2\,dx$
11. $\int x^2\,\ln x\,dx$
12. $\int \dfrac{x}{\cos^2 x}\,dx$
13. $\int x^2\,e^{-x/2}\,dx$
14. $\int \arccos(x/3)\,dx$
15. $\int 4^x\cdot\sin 5x\,dx$
16. $\int \mathrm{arctg}\ \sqrt{7x+1}\,dx$
17. $\int \dfrac{dx}{x^2+x+1}$
18. $\int \dfrac{dx}{\sqrt{x^2+5x-12}}$
19. $\int \dfrac{(x+5)\,dx}{3x^2+4x-8}$
20. $\int \dfrac{(2x-7)\,dx}{\sqrt{4x-x^2+5}}$
21. $\int \dfrac{x^2\,dx}{(x+2)^2\,(x+4)^2}$
22. $\int \dfrac{dx}{x^3-16x}$
23. $\int \dfrac{x\,dx}{x^3+125}$
24. $\int \dfrac{(x^4+1)\,dx}{x^3-x^2+x-1}$
25. $\int \dfrac{dx}{\sqrt{1-2x}-\sqrt[4]{1-2x}}$
26. $\int \dfrac{dx}{x\,\sqrt{2x-9}}$
27. $\int \sqrt{x^3-x^4}\,dx$
28. $\int \sqrt{\dfrac{4-x}{x-12}}\,dx$
29. $\int \dfrac{\sqrt{1-x^2}\,dx}{x^4}$
30. $\int \dfrac{x^3\,dx}{\sqrt{4+x^2}}$
31. $\int \dfrac{dx}{8\cos^2 x+7\sin^2 x+3}$
32. $\int \dfrac{\sin^3 x}{\sqrt[5]{\cos^6 x}}\,dx$
33. $\int \dfrac{dx}{3-2\sin x}$
34. $\int \mathrm{ctg}^4\ x\,dx$
35. $\int \sin x\cdot\cos 10x\cdot\sin 4x\,dx$
36. $\int \dfrac{dx}{\cos^6 x}$
37. $\int \sin\sqrt[3]{x}\,dx$
38. $\int \dfrac{dx}{e^{2x}-2}$

Неопределенный интеграл

1. $\int \dfrac{dx}{x \cdot \cos^2(2\ln x - 5)}$
2. $\int \dfrac{\operatorname{ctg}\ x\,dx}{\ln(\sin x)}$
3. $\int \dfrac{dx}{(5x+6)^9}$
4. $\int \dfrac{dx}{\sqrt{x}\,(2-x)}$
5. $\int \dfrac{5^{\operatorname{tg}\ (1/x)}}{x^2 \cdot \cos^2(1/x)}\,dx$
6. $\int \dfrac{\cos x\,dx}{\sqrt{5\sin x - 2}}$
7. $\int \dfrac{(5x-4)\,dx}{x^2+9}$
8. $\int (1 - \operatorname{tg}\ x)^2\,dx$
9. $\int \dfrac{dx}{\sqrt{25+3x}}$
10. $\int x \cdot \sqrt[3]{7+9x^2}\,dx$
11. $\int x^2 \cdot \ln(1+x^3)\,dx$
12. $\int (7x+6) \cdot \cos 3x\,dx$
13. $\int \sqrt{1-x}\ \arcsin\sqrt{x}\,dx$
14. $\int x \cdot \operatorname{arctg}\ 5x\,dx$
15. $\int e^{5x} \cdot \sin x\,dx$
16. $\int x^7 \cdot e^{-x^4}\,dx$
17. $\int \dfrac{dx}{x^2+6x+10}$
18. $\int \dfrac{dx}{\sqrt{8x-x^2}}$
19. $\int \dfrac{(x-9)\,dx}{3x^2-x-4}$
20. $\int \dfrac{(1-2x)\,dx}{\sqrt{x^2+4x+5}}$
21. $\int \dfrac{x^4\,dx}{(x^2-1)\,(x+2)}$
22. $\int \dfrac{(2x^3+3x-1)\,dx}{(x+1)^2\,(x^2+9)}$
23. $\int \dfrac{dx}{x^4+x^3}$
24. $\int \dfrac{dx}{8x^3+1}$
25. $\int \dfrac{\sqrt{2x+1}\,dx}{x^2}$
26. $\int \dfrac{\sqrt{x}\,dx}{1-\sqrt[3]{x}}$
27. $\int \dfrac{\sqrt[5]{1+\sqrt[3]{x}}}{x \cdot \sqrt[5]{x^2}}\,dx$
28. $\int \sqrt{1-4x-x^2}\,dx$
29. $\int \dfrac{\sqrt{x^2-8}}{x^4}\,dx$
30. $\int \dfrac{dx}{\sqrt{(x^2+1)^5}}$
31. $\int \dfrac{dx}{3+2\cos x+5\sin x}$
32. $\int \dfrac{dx}{4-3\sin^2 x}$
33. $\int \cos^5 x\,dx$
34. $\int \dfrac{dx}{\sin^4 x \cdot \cos^4 x}$
35. $\int \sin 3x \cdot \cos^2 5x\,dx$
36. $\int \dfrac{dx}{1-\operatorname{ctg}\ x}$
37. $\int \dfrac{e^x\sqrt{1+e^x}\,dx}{e^x-1}$
38. $\int \operatorname{arctg}\ (1+\sqrt{x})\,dx$

Неопределенный интеграл

1. $\int \frac{\sin x\,dx}{\sqrt[5]{5-3\cos x}}$
2. $\int \frac{e^{\sqrt{x}}-2x+1}{\sqrt{x}}\,dx$
3. $\int (1+e^{3x})^2\cdot e^{2x}\,dx$
4. $\int \frac{2x^5-3x^2}{1+3x^3-x^6}\,dx$
5. $\int x^2\cdot\sqrt[3]{8-7x^3}\,dx$
6. $\int \frac{\operatorname{cosec}^2 3x\,dx}{\sqrt{5\ \operatorname{ctg}\ 3x-4x}}$
7. $\int x\cdot e^{4x^2-1}\,dx$
8. $\int \frac{dx}{(1+x^2)\cdot(3\operatorname{arctg}^2 x-4)}$
9. $\int \frac{dx}{x\cdot\sqrt{5\ln x-4}}$
10. $\int \frac{dx}{\sqrt{1-4x^2}\cdot\arcsin^2 2x}$
11. $\int \frac{\ln^2 x}{x^2}\,dx$
12. $\int 5x\cdot e^{-x/4}\,dx$
13. $\int \frac{x\ \cos x}{\sin^3 x}\,dx$
14. $\int \frac{\arccos 2x\,dx}{\sqrt{1+2x}}$
15. $\int e^{2x}\cdot\sin 5x\,dx$
16. $\int \operatorname{arctg}\ \sqrt{x}\,dx$
17. $\int \frac{dx}{x^2+3x+9}$
18. $\int \frac{dx}{\sqrt{x^2+4x+1}}$
19. $\int \frac{(7-3x)\,dx}{x^2-12x+1}$
20. $\int \frac{x\,dx}{\sqrt{5-4x-x^2}}$
21. $\int \frac{x^4\,dx}{x^3+1}$
22. $\int \frac{(7x-6x^2)\,dx}{(x-2)\,(x+2)^2}$
23. $\int \frac{(3x-1)\,dx}{(x+1)\,(x^2+4)}$
24. $\int \frac{(3x^2+2x^2+1)\,dx}{(x-1)\,(x-2)\,(x+1)}$
25. $\int \frac{dx}{x\cdot\sqrt{x-7}}$
26. $\int \frac{dx}{\sqrt[3]{(x+1)^2}-\sqrt{x+1}}$
27. $\int \frac{\sqrt[3]{1+\sqrt[4]{x}}}{x\cdot\sqrt[3]{x}}\,dx$
28. $\int \sqrt{\frac{2-x}{x+2}}\,dx$
29. $\int \frac{x^4}{\sqrt{(6-x^2)^3}}\,dx$
30. $\int \frac{x^4\,dx}{\sqrt{x^2+9}}$
31. $\int \sin^3 x\ \cos^2 x\,dx$
32. $\int \frac{dx}{3-4\sin x\ +7\cos x}$
33. $\int \frac{dx}{\cos^8 x}$
34. $\int \frac{dx}{5-7\sin^2 x+6\cos^2 x}$
35. $\int \sqrt[4]{\sin^3 x}\cdot\cos^3 x\,dx$
36. $\int \cos 8x\cdot\sin 3x\,dx$
37. $\int \frac{\ln x-1}{\ln^2 x}\,dx$
38. $\int \sqrt{e^x-1}\,dx$

Неопределенный интеграл

1. $\int \dfrac{x\,dx}{x^4-16}$
2. $\int \dfrac{(x-1)\,dx}{\sqrt{x^7}}$
3. $\int \dfrac{(1-\cos x)\,dx}{(x-\sin x)^3}$
4. $\int x\cdot e^{1-3x^2}\,dx$
5. $\int \dfrac{dx}{x\cdot\sqrt{\ln^2 x+2}}$
6. $\int \dfrac{(1+\arcsin^2 x)\,dx}{\sqrt{1-x^2}}$
7. $\int(\mathrm{tg}^2\ x+\mathrm{tg}^4\ x)\,dx$
8. $\int \dfrac{e^{5x}\,dx}{2-3e^{5x}}$
9. $\int \dfrac{(5x-2)}{x^2+4}\,dx$
10. $\int \dfrac{\cos\sqrt{x}}{\sqrt{x}}\,dx$
11. $\int(7x+5)\ \cos 3x\,dx$
12. $\int \arccos 2x\,dx$
13. $\int(x^5+x^2)\cdot e^{-x^3}\,dx$
14. $\int \dfrac{\ln^2 x\,dx}{\sqrt[3]{x^2}}$
15. $\int e^{3x}\cdot\cos 3x\,dx$
16. $\int \mathrm{arctg}\ \sqrt{3x}\,dx$
17. $\int \dfrac{dx}{x^2+7x-2}$
18. $\int \dfrac{dx}{\sqrt{2x-3-x^2}}$
19. $\int \dfrac{x\,dx}{x^2+4x+29}$
20. $\int \dfrac{(2x+3)\,dx}{\sqrt{x^2-x}}$
21. $\int \dfrac{dx}{x^4-x^2-2}$
22. $\int \dfrac{(x^2+5)\,dx}{(x-1)\cdot(x+2)^2}$
23. $\int \dfrac{dx}{x^3+8}$
24. $\int \dfrac{(x^3-3x^2-12)\,dx}{x\,(x-4)\,(x-3)}$
25. $\int \dfrac{dx}{(1+\sqrt[3]{x})\,\sqrt{x}}$
26. $\int \dfrac{\sqrt{x+3}\,dx}{\sqrt[3]{x+3}+\sqrt[6]{x+3}}$
27. $\int \dfrac{dx}{\sqrt[3]{x}+\sqrt{x}}$
28. $\int \sqrt{\dfrac{x}{2-x}}\,dx$
29. $\int x^2\cdot\sqrt{x^2-4}\,dx$
30. $\int \dfrac{x^3\,dx}{\sqrt{x^2+2}}$
31. $\int \dfrac{dx}{1+3\cos x}$
32. $\int \dfrac{dx}{\cos^2 x-4\sin^2 x+5}$
33. $\int \sin^4(x/2)\,dx$
34. $\int \dfrac{\sin^3 x\,dx}{\cos^7 x}$
35. $\int \dfrac{\cos 2x\,dx}{\sin^4 x}$
36. $\int \dfrac{dx}{2+\mathrm{tg}\ x+\mathrm{ctg}\ x}$
37. $\int \dfrac{(e^x-2)\,dx}{e^x+6}$
38. $\int \dfrac{\ln(\cos x)}{\cos^2 x}\,dx$