

Вариант № 16

1.	$\int \sqrt{\frac{\arcsin x}{1-x^2}} dx$	21.	$\int \frac{dx}{\sin^4 x}$
2.	$\int x \cdot 2^{x^2} dx$	22.	$\int \sin^5 x \cdot \sqrt[3]{\cos x} dx$
3.	$\int \frac{e^{\arctg x}}{1+x^2} dx$	23.	$\int \frac{\sin x}{1-\sin x} dx$
4.	$\int \frac{dx}{e^x + e^{-x}}$	24.	$\int \frac{1+\operatorname{tg} x}{1-\operatorname{tg} x} dx$
5.	$\int \frac{\sin 2x dx}{\sqrt{2+\sin^4 x}}$	25.	$\int \sin \omega x \cdot \sin(\omega x + \omega_0) dx$
6.	$\int \frac{dx}{x^2 \cdot e^{1/x}}$	26.	$\int \cos^4 x dx$
7.	$\int \operatorname{tg} \sqrt{x} \cdot \frac{dx}{\sqrt{x}}$	27.	$\int \frac{dx}{\sqrt{x} + \sqrt[3]{x}}$
8.	$\int x \cdot \operatorname{ctg}(x^2 + 1) dx$	28.	$\int \frac{dx}{x^2 \cdot \sqrt{(2+x^3)^5}}$
9.	$\int \frac{e^x dx}{e^x - 1}$	29.	$\int \frac{\sqrt{1-x^2}}{x^2} dx$
10.	$\int \frac{x^2}{x^3 + 1} \cdot \ln(x^3 + 1) dx$	30.	$\int \sqrt{\frac{x+1}{x-1}} dx$
11.	$\int x \cdot \sin x \cdot \cos x dx$	31.	$\int \frac{1-\sqrt[3]{2x}}{\sqrt{2x}} dx$
12.	$\int x \cdot e^{-x} dx$	32.	$\int (e^{2x} + e^x - 2)^{-1} dx$
13.	$\int \arcsin^2 x dx$	33.	$\int \sin^{-3} x dx$
14.	$\int e^{-x} \cdot \sin^2 x dx$	34.	$\int \frac{x}{\cos^2 x} dx$
15.	$\int \frac{(3x+5) dx}{x^2 + 2x + 2}$	35.	$\int \frac{\sqrt{x+1} + 2}{(x+1)^2 - \sqrt{x+1}} dx$
16.	$\int \frac{8x-11}{\sqrt{5+2x-x^2}} dx$	36.	$\int \frac{1+\ln x}{x\sqrt{3-\ln^2 x}} dx$
17.	$\int e^{2x} (e^x - 1)^{-1/5} dx$	37.	$\int \frac{x^7}{\sqrt{1+3x^4}} dx$
18.	$\int (x^3 + 1)^{-1} dx$	38.	$\int \sin^5 x \cdot \cos^{-2} x dx$
19.	$\int \frac{5x^2 + 6x + 9}{(x+1)^2 (x-3)^2} dx$	39.	$\int \frac{\sqrt{\operatorname{tg} x} dx}{\cos x \cdot \sin x}$
20.	$\int \frac{(x^4 + 1) dx}{x^3 - x^2 + x - 1}$	40.	$\int (1-x) \cdot \cos^2(1-x)^2 dx$

Вариант № 17

1.	$\int \frac{\sqrt[3]{1+\ln x}}{x} dx$	21.	$\int \frac{dx}{\sin x + \cos x}$
2.	$\int x \cdot e^{-x^2} dx$	22.	$\int \sin 10x \cdot \sin 15x dx$
3.	$\int \frac{dx}{\sqrt{e^x}}$	23.	$\int \frac{dx}{1+3\cos^2 x} dx$
4.	$\int a^{\sin x} \cdot \cos x dx$	24.	$\int \sin^4 \frac{x}{2} dx$
5.	$\int \operatorname{ctg}^2 ax dx$	25.	$\int \frac{\sin^5 x}{\cos x} dx$
6.	$\int \operatorname{tg} \sqrt{x-1} \frac{dx}{\sqrt{x-1}}$	26.	$\int \cos^5 x dx$
7.	$\int x \cdot 10^{1-x^2} dx$	27.	$\int \frac{x^2 dx}{\sqrt{x^2+1}}$
8.	$\int \frac{2^x dx}{1-4^x}$	28.	$\int \frac{3-4x}{(1-2\sqrt{x})^2} dx$
9.	$\int \frac{dx}{(a+b)+(a-b)x^2}$	29.	$\int \frac{dx}{\sqrt[3]{x} + \sqrt[4]{x}}$
10.	$\int \operatorname{tg}^3 \frac{x}{3} \cdot \sec^2 \frac{x}{3} dx$	30.	$\int x^3 \cdot (1+2x^2)^{-3/2} dx$
11.	$\int x^2 \cdot \sin 3x dx$	31.	$\int (1-\sin x) \cdot \sec x dx$
12.	$\int x \cdot \operatorname{tg}^2 2x dx$	32.	$\int \sqrt{a^2+x^2} dx$
13.	$\int e^{\sqrt{x}} dx$	33.	$\int x \cdot \sin^2 x^2 dx$
14.	$\int e^{-x} \cdot \sin \frac{x}{2} dx$	34.	$\int e^{-x^2} dx$
15.	$\int \frac{x^2 dx}{x^2-6x+10}$	35.	$\int \frac{x}{\sqrt[3]{ax+b}} dx$
16.	$\int \frac{2x-8}{\sqrt{1-x-x^2}} dx$	36.	$\int \sqrt{e^x+1} dx$
17.	$\int \frac{dx}{e^{2x}-e^x}$	37.	$\int \frac{dx}{\sqrt{\sin x \cdot \cos^5 x}}$
18.	$\int \frac{dx}{x \cdot (x+1)^2} dx$	38.	$\int \frac{e^x dx}{\sqrt{1+e^x+e^{2x}}}$
19.	$\int \frac{x^4}{x^4-1} dx$	39.	$\int \frac{dx}{x^2 \sqrt{4-x^2}}$
20.	$\int \frac{2x^2+41x-91}{(x-1)(x^2-x-12)} dx$	40.	$\int \frac{5x^3+2}{x^3-5x^2+4x} dx$

Вариант № 18

1.	$\int \frac{dx}{7-5x^2}$	21.	$\int \frac{\cos^2 x}{\sin^4 x} dx$
2.	$\int x \cdot e^{-x^2-1} dx$	22.	$\int \sin^4 x dx$
3.	$\int \frac{x - \sqrt{\arctg 2x}}{1+4x^2} dx$	23.	$\int \frac{dx}{3+5 \cos x}$
4.	$\int \frac{x^2 dx}{\sqrt{x^6-1}}$	24.	$\int \frac{\cos 2x}{\cos^4 x + \sin^4 x} dx$
5.	$\int \frac{x^2 - 5x + 6}{x^2 + 4} dx$	25.	$\int \sin \frac{x}{3} \cdot \cos \frac{2x}{3} dx$
6.	$\int \frac{dx}{\sqrt{(1+x^2) \ln(x + \sqrt{1+x^2})}}$	26.	$\int \cos^3 x dx$
7.	$\int \frac{\sqrt{x} + \ln x}{x} dx$	27.	$\int x \cdot \sqrt{\frac{x-1}{x+1}} dx$
8.	$\int \frac{(a^x - b^x)^2}{a^x b^x} dx$	28.	$\int \frac{dx}{\sqrt{x+1} + \sqrt{(x+1)^3}}$
9.	$\int \frac{x dx}{\sqrt{a^4 - x^4}}$	29.	$\int \frac{dx}{x \cdot \sqrt[3]{1+x^5}}$
10.	$\int \frac{\sin x}{1 + \cos^2 x} dx$	30.	$\int \frac{dx}{x^2 \cdot \sqrt{9+x^2}}$
11.	$\int \sqrt{1-x^2} dx$	31.	$\int (1+x^2)^{-2} dx$
12.	$\int \frac{\ln(\ln x)}{x} dx$	32.	$\int \frac{(\sqrt{x}+1)^2}{x^3} dx$
13.	$\int x \cdot \sin 2x dx$	33.	$\int \operatorname{tg}^2\left(\frac{x}{2} + \frac{\pi}{4}\right) dx$
14.	$\int e^{-x} \cdot \sin 2x dx$	34.	$\int (2 + 3 \cos^2 x)^{-1} dx$
15.	$\int \frac{x dx}{x^2 - 7x + 13}$	35.	$\int \frac{\sin x}{5 - 2 \cos^2 x} dx$
16.	$\int \frac{dx}{\sqrt{5x^2 - 2x + 1}} dx$	36.	$\int \frac{e^x(3-e^x)}{1+e^{2x}} dx$
17.	$\int e^{2x} (e^x + 1)^{-1/3} dx$	37.	$\int \operatorname{cth} 4x dx$
18.	$\int \frac{x^3}{4x^3 + x} dx$	38.	$\int \cos \frac{x}{\sqrt{2}} \cdot (2 - 3 \sin \frac{x}{\sqrt{2}})^{-1} dx$
19.	$\int \frac{dx}{(x+1)^2 (x^2 + 5x + 6)}$	39.	$\int \frac{dx}{2^x - 1}$
20.	$\int \frac{x^2 - 5x + 9}{x^2 - 5x + 6} dx$	40.	$\int \frac{dx}{x \cdot \sqrt{4-x^2}}$

Вариант № 19

1.	$\int \frac{x^2}{\sqrt{4-x^6}} dx$	21.	$\int \frac{dx}{1 + \sin x + \cos x}$
2.	$\int e^{2\sin^2 x} \cdot 2 \sin 2x dx$	22.	$\int \frac{\sin^3 x}{\cos x + 3} dx$
3.	$\int \frac{3 \operatorname{arctg} 3x dx}{1+9x^2}$	23.	$\int \sin 5x \cdot \cos 8x dx$
4.	$\int \frac{dx}{\arcsin 2x \cdot \sqrt{1-4x^2}}$	24.	$\int \frac{dx}{16 \sin^2 x + 9 \cos^2 x} dx$
5.	$\int \frac{e^x dx}{e^{2x} + 4}$	25.	$\int \operatorname{tg}^7 x dx$
6.	$\int \sin(4x+1) dx$	26.	$\int \sin^4 x dx$
7.	$\int \operatorname{tg}^2 3x dx$	27.	$\int \frac{\sqrt{x^3} dx}{\sqrt[5]{x^3 - \sqrt{x}}}$
8.	$\int \frac{x^3 dx}{\sqrt{1-x^8}}$	28.	$\int \frac{dx}{x \cdot \sqrt{x-4}}$
9.	$\int \frac{x+1}{x^2+1} dx$	29.	$\int x^{-3/2} \cdot (1+x^{1/4})^{1/3} dx$
10.	$\int \frac{\ln x + 1}{x \cdot \ln^2 x} dx$	30.	$\int \frac{x^2 dx}{\sqrt{1-x^2}}$
11.	$\int x^2 \cdot \cos x dx$	31.	$\int \frac{dx}{1-e^x}$
12.	$\int \cos(\ln x) dx$	32.	$\int \cos x \cdot \sin^3 x dx$
13.	$\int x^3 e^{x^2} dx$	33.	$\int \cos^2 x \cdot \sin^4 x dx$
14.	$\int e^{-x} \cdot \sin x dx$	34.	$\int x^2 \sqrt{4-x^2} dx$
15.	$\int \frac{(x-1) dx}{x^2 - x + 1}$	35.	$\int 2x \cdot \ln^2 x dx$
16.	$\int \frac{x+4}{\sqrt{x^2+4x+8}} dx$	36.	$\int \frac{dx}{x \cdot \sqrt{1+\ln^2 x}}$
17.	$\int \frac{e^x - 1}{e^x + 1} dx$	37.	$\int \operatorname{ch}^2 x \cdot \operatorname{sh} x dx$
18.	$\int \frac{x-4}{x \cdot (x+2)^2} dx$	38.	$\int \frac{dx}{e^{3x} - e^{2x}}$
19.	$\int \frac{x^4}{x^3 - 1} dx$	39.	$\int \frac{\sin 2x dx}{\sqrt{\cos^4 x - 7}}$
20.	$\int \frac{x^3 + 6}{(x^2 - 2)(x^2 - 4)} dx$	40.	$\int x^2 \operatorname{tg}^2(x^3 + 3) dx$

Вариант № 20

1.	$\int \frac{dx}{(\arcsin x)^2 \sqrt{1-x^2}}$	21.	$\int \cos 3x \cdot \cos 7x dx$
2.	$\int \frac{\sin 2x}{\sqrt{1+\sin^2 x}} dx$	22.	$\int \cos^6 2x dx$
3.	$\int \frac{x dx}{\sqrt{3-x^4}}$	23.	$\int \operatorname{tg}^5 \frac{x}{2} dx$
4.	$\int \frac{x^2 dx}{1+x^6}$	24.	$\int \frac{dx}{1+3\sin^2 x}$
5.	$\int \frac{e^{ctg 2x}}{\sin^2 2x} dx$	25.	$\int \frac{1-\sin x}{1+\sin x} dx$
6.	$\int \sin(3-2x) dx$	26.	$\int \cos^3 x \cdot (\sin^2 x + \sin x)^{-1} dx$
7.	$\int \frac{dx}{x \ln x}$	27.	$\int \frac{x dx}{\sqrt{x+3} - \sqrt{x+4}}$
8.	$\int \cos^2 3x dx$	28.	$\int \frac{\sqrt[8]{x+2}}{\sqrt[8]{x^5} + \sqrt[8]{x^3}} dx$
9.	$\int a^{1/x} x^{-2} dx$	29.	$\int \frac{x^2 dx}{\sqrt{1+x^2}}$
10.	$\int \cos(\ln x) \frac{dx}{x}$	30.	$\int x^{-3} \cdot (1+x^3)^{-4/3} dx$
11.	$\int x^3 \cdot e^x dx$	31.	$\int \frac{dx}{e^x \sqrt{1-e^{-2x}}}$
12.	$\int \ln(x^2+1) dx$	32.	$\int \frac{x^5}{x^3+1} dx$
13.	$\int e^{2x} \cdot \cos 3x dx$	33.	$\int (1-x^2)^{-3/2} dx$
14.	$\int \frac{x dx}{\cos^2 2x}$	34.	$\int \frac{\sqrt{1+\sqrt{x}}}{\sqrt{x}} dx$
15.	$\int \frac{(3x-1) dx}{\sqrt{x^2+2x+2}}$	35.	$\int \frac{e^x}{e^{2x}+4e^x-5} dx$
16.	$\int \frac{x-4}{x^2-4x+2} dx$	36.	$\int x \cdot \sqrt{x^2+1} dx$
17.	$\int \frac{e^x dx}{e^{-x}+e^x}$	37.	$\int \frac{\cos x dx}{(1-\sin x)^4}$
18.	$\int \frac{x dx}{(x-1)^2(x+2)}$	38.	$\int \frac{\sin x dx}{1-\sin x}$
19.	$\int \frac{x^4}{x^4-16} dx$	39.	$\int x^x(1+\ln x) dx$
20.	$\int \frac{x}{(x-1)(x+3)(x+5)} dx$	40.	$\int \frac{dx}{\sin^5 x}$

Вариант № 21

1.	$\int (\cos x + 2)^{21} \cdot \sin x dx$	21.	$\int \sqrt{tgx} dx$
2.	$\int \frac{dx}{x \cdot (5 - \ln x)}$	22.	$\int \sin 5x \cdot \sin x dx$
3.	$\int \frac{\cos x dx}{\sqrt{\sin^2 x + 3}}$	23.	$\int \sin^4 x dx$
4.	$\int x \cdot e^{-x^2} dx$	24.	$\int \frac{dx}{8 - 4 \sin x + 7 \cos x}$
5.	$\int \frac{3^x}{1 + 3^{2x}} dx$	25.	$\int \frac{1}{1 - \cos^4 x} dx$
6.	$\int \sin x \cdot 2^{-\cos x} dx$	26.	$\int \cos^5 x dx$
7.	$\int \frac{dx}{\sqrt{4 - 9x^2}}$	27.	$\int \frac{x dx}{\sqrt[3]{x+1} + \sqrt{x+1}}$
8.	$\int e^{1/\sqrt{x}} \frac{dx}{\sqrt{x^3}}$	28.	$\int \frac{1}{x} \cdot \sqrt[3]{\frac{1-x}{1+x}} dx$
9.	$\int \frac{\cos \sqrt{x} dx}{\sqrt{x}}$	29.	$\int \sqrt{x^2 - 9} dx$
10.	$\int (tgx + ctgx)^2 dx$	30.	$\int x^{-1} \cdot (1 + \sqrt[3]{x})^{-3} dx$
11.	$\int x \cdot \sin 3x dx$	31.	$\int \frac{(x+1) dx}{\sqrt{1-4x^2}}$
12.	$\int \ln x dx$	32.	$\int x^5 \cdot (x^3 + 1)^{-1} dx$
13.	$\int x^2 \cdot e^{2x} dx$	33.	$\int \frac{dx}{\sqrt{(1+x^2)^3}}$
14.	$\int e^x \cdot \cos x dx$	34.	$\int \frac{\sqrt{1+\sqrt{x}}}{\sqrt{x}} dx$
15.	$\int \frac{(x+1) dx}{\sqrt{1-x-x^2}}$	35.	$\int \frac{e^x}{e^{2x} + 4e^x + 5} dx$
16.	$\int \frac{3x-1}{x^2 - x + 1} dx$	36.	$\int x \cdot \sin x \cdot \cos x dx$
17.	$\int \sqrt{e^x - 1} dx$	37.	$\int \frac{dx}{sh^2 x \cdot ch^2 x}$
18.	$\int \frac{dx}{x^3(x-1)}$	38.	$\int x \cdot \ln(1+x^4) dx$
19.	$\int \frac{dx}{(x^2 + 2)(x-1)}$	39.	$\int \frac{x^2 \arctg x dx}{1+x^2}$
20.	$\int \frac{5x^3 + 9x^2 - 22x - 8}{x^3 - 4x} dx$	40.	$\int \frac{xdx}{\sqrt[3]{2x-3}}$

Вариант № 22

1.	$\int \frac{(tgx + 4)^{12}}{\cos^2 x} dx$	21.	$\int \sin 2x \cdot \sin 4x dx$
2.	$\int \frac{e^{\arcsin x} dx}{\sqrt{1-x^2}}$	22.	$\int \cos^3 x \cdot \sin^2 x dx$
3.	$\int \frac{x^2 dx}{\sqrt{x^6 - 2}}$	23.	$\int \cos^4 x dx$
4.	$\int \sin(4x + 5) dx$	24.	$\int \frac{dx}{\sin^3 x}$
5.	$\int ctg(4x + 1) dx$	25.	$\int \frac{dx}{3 \cos^2 x + 4 \sin^2 x}$
6.	$\int \frac{x^3 dx}{\sqrt{1+x^8}}$	26.	$\int tg^5 x dx$
7.	$\int \frac{x^9 - x^4}{x^{10} + 9} dx$	27.	$\int \frac{dx}{x(\sqrt{x} - \sqrt[3]{x^2})}$
8.	$\int x^{-1/2} \cdot \cos^{-2}\left(\frac{\sqrt{x}}{2}\right) dx$	28.	$\int \frac{x^2 dx}{\sqrt{9-x^2}}$
9.	$\int \frac{(x+1) dx}{\sqrt{4-9x^2}}$	29.	$\int x^{-1/2} (1+x^{1/3})^{-1} dx$
10.	$\int \frac{tgx dx}{\ln \cos x}$	30.	$\int \sqrt{1-x^2} dx$
11.	$\int e^{\sqrt{x}} dx$	31.	$\int th^4 x dx$
12.	$\int x \cdot arctg x dx$	32.	$\int (\sqrt{x} - \sqrt[3]{x})^{-1} dx$
13.	$\int \cos(\ln x) dx$	33.	$\int \frac{1}{x} \sqrt{\frac{x-1}{x+1}} dx$
14.	$\int x^2 \cdot \ln x dx$	34.	$\int \frac{\sin^2(\ln x)}{x} dx$
15.	$\int \frac{dx}{\sqrt{e^x - 1}}$	35.	$\int x(1+2x^2) arctg x dx$
16.	$\int \frac{x}{29-10x-x^2} dx$	36.	$\int \frac{a^2 + \sqrt{a^2 + b^2 x^2}}{a^2 + b^2 x^2} dx$
17.	$\int \frac{dx}{\sqrt{x^2 + 2x + 2}}$	37.	$\int \frac{\arcsin e^x}{e^x} dx$
18.	$\int \frac{(3x+2) dx}{x(x+1)^3}$	38.	$\int \sqrt{1 + \sin x} dx$
19.	$\int \frac{2x^3 - 3x + 1}{x^3 + 1} dx$	39.	$\int \frac{x dx}{ch^2(1+x^2)}$
20.	$\int \frac{dx}{(x-1)(x-2)(x-3)}$	40.	$\int \frac{e^x \sqrt{e^x - 1}}{e^x + 3} dx$

Вариант № 23

1.	$\int \frac{\sqrt{\operatorname{ctg} x - 10}}{\sin^2 x} dx$	21.	$\int \cos x \cdot \sin 7x dx$
2.	$\int \cos(\ln x) \frac{dx}{x}$	22.	$\int \cos^3 x \cdot \sin^2 x dx$
3.	$\int \frac{x^5 dx}{7x^{12} + 2}$	23.	$\int \frac{\sin x + \cos x}{3 + \sin x} dx$
4.	$\int \sin(2 - 7x) dx$	24.	$\int (\cos^4 x + \sin^4 x)^{-1} dx$
5.	$\int e^x \cdot \operatorname{tg} e^x dx$	25.	$\int \operatorname{ctg}^4 x dx$
6.	$\int \frac{dx}{2 - 5x}$	26.	$\int \frac{dx}{\sin^3 x}$
7.	$\int \frac{x}{x^4 - 1} dx$	27.	$\int \frac{dx}{\sqrt{x} + \sqrt[3]{x} + 2\sqrt[4]{x}}$
8.	$\int \frac{\cos x dx}{\sqrt[3]{3 \sin^5 x}}$	28.	$\int \sqrt{\frac{1 - \sqrt{x}}{1 + \sqrt{x}}} dx$
9.	$\int \frac{x^2 dx}{\sqrt{2 - x^6}}$	29.	$\int \frac{x^2 dx}{\sqrt{16 - x^2}}$
10.	$\int \cos x \cdot 3^{\sin x} dx$	30.	$\int x^2 \cdot \sqrt[3]{4 - x^3} dx$
11.	$\int x \cdot e^{2x} dx$	31.	$\int \sqrt{4 + x^2} dx$
12.	$\int \operatorname{arctg} x dx$	32.	$\int x^5 \cdot \sqrt[3]{1 + x^3} dx$
13.	$\int x^2 \ln x dx$	33.	$\int \frac{e^x \cdot \sqrt{e^x - 1}}{e^x + 1} dx$
14.	$\int e^x \cdot \sin x dx$	34.	$\int \frac{(a^x - b^x)^2}{a^x b^x} dx$
15.	$\int \frac{e^x \cdot \sqrt{e^x + 2}}{e^x - 3} dx$	35.	$\int \frac{x}{1 + \cos x} dx$
16.	$\int \frac{(2x - 1)}{1 - 6x - x^2} dx$	36.	$\int \frac{dx}{2 + \cos x}$
17.	$\int \frac{dx}{\sqrt{5 - 4x - x^2}}$	37.	$\int \left(3 - \frac{x}{\sqrt{x^2 + 1}}\right) \cdot \frac{dx}{\sqrt{x^2 + 1}}$
18.	$\int \frac{x^2 dx}{(x + 2)^2 (x - 4)^2}$	38.	$\int \operatorname{sh} x \cdot \sqrt{2 + \operatorname{ch} x} dx$
19.	$\int \frac{x^5 + x^4 - 8}{x^3 + 4x} dx$	39.	$\int \frac{dx}{\sin \frac{\sqrt{x}}{2}}$
20.	$\int \frac{x^3 - 2x + 2}{(x - 1)^2 (x + 2)^2} dx$	40.	$\int \operatorname{ch}^4 x dx$



Вариант № 24

1.	$\int \frac{\sqrt{1-\sqrt{x}}}{\sqrt{x}} dx$	21.	$\int \sin 5x \cdot \sin 9x dx$
2.	$\int \frac{dx}{\cos^2 x (1+3tgx)}$	22.	$\int \frac{dx}{1+\sin x}$
3.	$\int \frac{e^{2x}+2}{e^x} dx$	23.	$\int \frac{dx}{(\sin x + \cos x)^2}$
4.	$\int \cos \frac{2}{x} \cdot \frac{dx}{x^2}$	24.	$\int \frac{dx}{4+tgx}$
5.	$\int tg \sqrt{x} \cdot \frac{dx}{\sqrt{x}}$	25.	$\int \frac{dx}{\sin^3 x \cdot \cos x}$
6.	$\int \frac{dx}{\sqrt{4x^2+3}}$	26.	$\int \cos^5 3x dx$
7.	$\int \frac{x-1}{\sqrt{7-9x^2}} dx$	27.	$\int \frac{\sqrt{x+2}}{1+\sqrt[3]{x+2}} dx$
8.	$\int \frac{e^{3x} dx}{1+e^{6x}}$	28.	$\int \frac{dx}{2x+\sqrt[3]{x^2}}$
9.	$\int \frac{2x+1}{4x^2-1} dx$	29.	$\int x^{-1/3} (1-x^{2/3})^{1/2} dx$
10.	$\int x \cdot 8^{2-3x^2} dx$	30.	$\int (1+x^2)^{-5/2} dx$
11.	$\int x \cdot \ln(x+1) dx$	31.	$\int th(ax) dx$
12.	$\int x^3 \cdot \sin(x^2) dx$	32.	$\int \frac{x^2 dx}{\cos(x^3)}$
13.	$\int \arcsin 5x dx$	33.	$\int \frac{x e^{\sqrt{x^2-1}}}{\sqrt{x^2-1}} dx$
14.	$\int e^{5x} \cdot \cos 2x dx$	34.	$\int \frac{(1+\cos 2x)^3}{\cos 2x} dx$
15.	$\int \frac{x dx}{4+6x-9x^2}$	35.	$\int sh^2 x \cdot ch^2 x dx$
16.	$\int \frac{(x+2)}{\sqrt{5-4x-x^2}} dx$	36.	$\int x \cdot e^{2x} dx$
17.	$\int \frac{dx}{(e^x+1)^2}$	37.	$\int x \cdot e^{-x^2} dx$
18.	$\int \frac{x^5 dx}{x^4-1}$	38.	$\int \frac{2-\sqrt[3]{tgx}}{\cos^2 x} dx$
19.	$\int \frac{dx}{x^3+x^2+x+1}$	39.	$\int \frac{1}{(1+x)^2} \cdot \sqrt{\frac{1+x}{1-x}} dx$
20.	$\int \frac{x dx}{(x-1)(x+2)^2}$	40.	$\int \frac{\ln x dx}{x \cdot \sqrt{6+4 \ln x - \ln^2 x}}$

Вариант № 25

1.	$\int \sin^3 5x \cdot \cos 5x dx$	21.	$\int \cos x \cdot \cos 2x \cdot \cos 3x dx$
2.	$\int (\sin x - \cos x)^2 dx$	22.	$\int \frac{\cos^2 x}{\sin^4 x} dx$
3.	$\int \frac{x^2 + 1}{x^2 - 1} dx$	23.	$\int \frac{dx}{\sin x + \cos x}$
4.	$\int \frac{2x + 3}{x^2 - 5} dx$	24.	$\int \frac{dx}{\operatorname{ctg}^5 x}$
5.	$\int (1 - e^x)^2 dx$	25.	$\int \cos^5 3x dx$
6.	$\int x \sin(1 - x^2) dx$	26.	$\int \sin^4 x dx$
7.	$\int a^{x^2} e^{x^2} x dx$	27.	$\int \frac{\sqrt{x} - 1}{\sqrt[3]{x + 1}} dx$
8.	$\int \frac{dx}{(1 + x^2) \operatorname{arctg} x}$	28.	$\int x^{-4} (1 + x^2)^{-1/2} dx$
9.	$\int \frac{2^x dx}{\sqrt{4^x - 1}}$	29.	$\int \frac{x dx}{\sqrt[3]{ax + b}}$
10.	$\int e^{2/x} \cdot \frac{dx}{x^2}$	30.	$\int \sqrt{1 - x^2} dx$
11.	$\int \sin(\ln x) dx$	31.	$\int \frac{dx}{\sqrt{(x^2 + 4)^3}}$
12.	$\int \ln(x + \sqrt{1 + x^2}) dx$	32.	$\int \sqrt{e^x + 1} dx$
13.	$\int x^2 \cdot \operatorname{arctg} x dx$	33.	$\int \frac{dx}{\sin x \cdot \cos^5 x}$
14.	$\int e^x \cdot \cos x dx$	34.	$\int \operatorname{ch}^2 3x dx$
15.	$\int \frac{(3x - 2) dx}{\sqrt{4x^2 - 4x + 5}}$	35.	$\int \frac{\ln(1 + x + x^2)}{(1 + x)^2} dx$
16.	$\int \frac{x}{2 - 2x - x^2} dx$	36.	$\int x^x \cdot (1 + \ln x) dx$
17.	$\int \frac{e^x(1 - e^x)}{3 + e^{2x}} dx$	37.	$\int \frac{dx}{\operatorname{sh}^2 x + \operatorname{ch}^2 x}$
18.	$\int \frac{(2x + 3) dx}{x^3 + x^2 - 2x}$	38.	$\int e^{\operatorname{arcsin} x} dx$
19.	$\int \frac{(x^2 - x) dx}{(x + 3)^5}$	39.	$\int e^{x^2 + \ln x} dx$
20.	$\int \frac{x^5 dx}{x^3 + 4x}$	40.	$\int \frac{(\operatorname{tg} x + 1) \cdot \sec^2 x dx}{5 + 2\operatorname{tg}^2 x}$