

Варианты индивидуальных заданий

№	$\int_a^b f(x) dx$	№	$\int_a^b f(x) dx$
1	$\int_0^{0.5} \frac{2}{x^3-1} dx$	16	$\int_2^3 \frac{2}{x^3-1} dx$
2	$\int_1^{2.0} \frac{3-x}{x^3+1} dx$	17	$\int_0^1 \frac{3-x}{x^3+1} dx$
3	$\int_{-0.5}^0 \frac{x}{x^3+1} dx$	18	$\int_1^2 \frac{x}{x^3+1} dx$
4	$\int_0^1 \frac{x^2+1}{x^3+1} dx$	19	$\int_2^3 \frac{x^2+1}{x^3+1} dx$
5	$\int_0^1 \frac{x^2-x+1}{x^3+2} dx$	20	$\int_2^3 \frac{x^2-x+1}{x^3+2} dx$
6	$\int_{0.5}^1 \frac{x^2+2}{x^3} dx$	21	$\int_1^2 \frac{x^2+2}{x^3} dx$
7	$\int_0^1 \frac{e^x}{x^3+1} dx$	22	$\int_1^2 \frac{e^x}{x^3+1} dx$
8	$\int_1^2 \frac{e^x+1}{x^3+1} dx$	23	$\int_0^2 \frac{x^2}{e^x-1} dx$
9	$\int_{0.5}^1 \frac{x^2}{e^x-1} dx$	24	$\int_0^1 \frac{e^x+1}{x^3+1} dx$
10	$\int_{-1}^0 \frac{x^2 e^x}{3} dx$	25	$\int_0^1 \frac{x^2 e^x}{3} dx$
11	$\int_0^2 \frac{x^2 e^x}{1+x} dx$	26	$\int_e^3 \frac{x^2 e^x}{1+x} dx$
12	$\int_1^2 \frac{e^x}{\sqrt{x}} dx$	27	$\int_2^3 \frac{e^x}{\sqrt{x}} dx$
13	$\int_2^3 \frac{\sqrt{x}}{x^2+1} dx$	28	$\int_1^2 \frac{\sqrt{x}}{x^2+1} dx$
14	$\int_{0.5}^1 \frac{10^x-1}{x} dx$	29	$\int_1^2 \frac{10^x-1}{x} dx$
15	$\int_0^2 10^x \cdot \sqrt{x} \cdot dx$	30	$\int_2^3 10^x \cdot \sqrt{x} \cdot dx$