

(1) $\int \frac{x^2+5x+12}{\sqrt{x}} dx$

(2) $\int \frac{x+\sqrt[3]{x}}{\sqrt{x}} dx$

(3) $\int (3x-1)\left(2x+\frac{1}{3x}\right) dx$

(4) $\int \frac{2x^3}{2x-1} dx$

(5) $\int \frac{x+2}{(x-1)^3} dx$

(6) $\int \frac{x}{(x^2+4)^2} dx$

(7) $\int \frac{x}{x^2+1} dx$

(8) $\int \frac{2x^2}{x^3+1} dx$

(9) $\int \frac{x+1}{x^2+2x+3} dx$

(10) $\int \frac{(x+1)^2}{x^2+1} dx$

(11) $\int \frac{4x^2+3}{(2x+1)^2} dx$

(12) $\int \frac{1}{x^2-25} dx$

(13) $\int \frac{x^2+2x+3}{x^2-1} dx$

(14) $\int \frac{x+1}{2x^2-3x-2} dx$

(15) $\int \frac{4x^2+16x-8}{x^3-4x} dx$

(16) $\int \frac{x(x^2+1)}{x^3+1} dx$

(17) $\int \frac{2x+1}{x^2(x+1)^2} dx$

(18) $\int \frac{x^4+1}{x^3-1} dx$

(19) $\int \frac{1}{\sqrt{2x+3}} dx$

(20) $\int \frac{1}{\sqrt{x+2}-\sqrt{x+1}} dx$

(21) $\int x\sqrt{1-x} dx$

(22) $\int (2x+3)\sqrt{2x+1} dx$

(23) $\int \frac{3x-1}{\sqrt{x+1}} dx$

(24) $\int (x^2+1)\sqrt{x+1} dx$

(25) $\int \frac{\sqrt{x}}{1+\sqrt{x}} dx$

(26) $\int \frac{x^2}{(x+1)\sqrt{x+1}} dx$

(27) $\int \frac{x+1}{x\sqrt{2x+1}} dx$

(28) $\int x\sqrt{x^2+1} dx$

(29) $\int \frac{2x}{\sqrt{4-3x^2}} dx$

(30) $\int \cos x(2-\tan x) dx$

(31) $\int \cos \frac{x}{2} \left(\sin \frac{x}{2} + \cos \frac{x}{2} \right) dx$

(32) $\int \frac{\cos^2 x}{1+\sin x} dx$

(33) $\int \frac{\cos 2x}{\sin x - \cos x} dx$

(34) $\int \sin \left(2x - \frac{\pi}{3} \right) dx$

(35) $\int (1-\cos x)^2 dx$

(36) $\int (\sqrt{3}\sin x + \cos x)^2 dx$

(37) $\int \sin 3x \cos x dx$

(38) $\int \sin 3x \cos 6x dx$

(39) $\int \sin 3x \sin x dx$

(40) $\int \cos 2x \cos 3x dx$

(41) $\int \frac{1}{\sin^2 x \cos^2 x} dx$

(42) $\int \frac{1}{1+\cos x} dx$

(43) $\int \sin^2 x \cos x dx$

(44) $\int \cos^3 x \sin x dx$

(45) $\int \cos^3 x \sin^2 x dx$

(46) $\int \sin^2 x \cos^2 x dx$

(47) $\int \sin^4 x dx$

(48) $\int \left(\tan x - \frac{1}{\tan x} \right) dx$

(49) $\int \frac{\sin 2x}{1 + \cos 2x} dx$

(50) $\int \frac{1 + \sin x}{\sin x \cos x} dx$

(51) $\int \frac{\sin x \cos x}{1 + \sin x} dx$

(52) $\int \frac{1}{\cos^4 x} dx$

(53) $\int \frac{x}{1 + \cos x} dx$

(54) $\int \frac{\sin x - \cos x}{\sin x + \cos x} dx$

(55) $\int \tan^3 x dx$

(56) $\int \tan^4 x dx$

(57) $\int \frac{1}{1 - \sin x} dx$

(58) $\int \frac{1}{\sin x + \cos x} dx$

(59) $\int x \cos x dx$

(60) $\int x^2 \sin x dx$

(61) $\int e^{1-2x} dx$

(62) $\int 10^x dx$

(63) $\int \frac{e^x}{e^x + 1} dx$

(64) $\int \frac{1}{e^x + 1} dx$

(65) $\int \frac{1}{e^x - e^{-x}} dx$

(66) $\int \frac{e^x - e^{-x}}{e^x + e^{-x}} dx$

(67) $\int x e^{-x} dx$

(68) $\int x^2 e^x dx$

(69) $\int e^x \sin x dx$

(70) $\int e^x \cos x dx$

(71) $\int e^{2x} \cos 3x dx$

(72) $\int \log(1+2x) dx$

(73) $\int x (\log x)^2 dx$

(74) $\int x^4 \log x dx$

(75) $\int \log(x^2 - 1) dx$

(76) $\int \frac{1}{x (\log x)^2} dx$

(77) $\int (\log x)^2 dx$

(78) $\int \log(x + \sqrt{x^2 + 1}) dx$

(79) $\int \frac{x \log(x^2 + 1)}{x^2 + 1} dx$

(80) $\int \frac{\log x}{x} dx$

(81) $\int \frac{\log(x+1)}{x^2} dx$

(82) $\int \frac{1 - \log x}{x^2} dx$

(83) $\int \frac{\sqrt{1 + \log x}}{x} dx$

(84) $\int \frac{e^{\frac{1}{x}}}{x^2} dx$

(85) $\int \sin(\log x) dx$

(86) $\int \frac{\cos(\log x)}{x} dx$

(87) $\int \cos x \cdot \log(\sin x) dx$

(88) $\int \sin x \cdot \log(\cos x) dx$

(89) $\int \frac{1}{\sqrt{x^2 + 1}} dx$

(90) $\int \sqrt{x^2 + 1} dx$