$$\int_0^1 x(x^2+1)^{75}\,dx \quad \int \frac{x+4}{(x^2+8x)^3}\,dx \quad \int_0^a x^3\sqrt{x^4+a^4}\,dx$$

$$\int \frac{x}{\sqrt[3]{x^2+3}}\,dx \quad \int \cos^4 x\,\sin x\,dx \quad \int \cos x\,\sin(\sin x)\,dx$$

$$\int \frac{\sin\sqrt{x}}{\sqrt{x}}\,dx \quad \int \frac{\tan^2 x}{\cos^2 x}\,dx \quad \int \frac{dx}{x^2+a^2}$$

$$\int \frac{\sin(1/x)}{x^2}\,dx \quad \int_0^\pi \frac{\sin x}{\sqrt{2+\cos x}}\,dx \quad \int_0^{2\pi} \frac{\sin x}{\sqrt{2+\cos x}}\,dx$$

$$\int \frac{dx}{x^2+2x+2} \quad \int \frac{2x+2}{x^2+2x+2}\,dx \quad \int \frac{x}{x^2+2x+2}\,dx$$