

1.  $\int \frac{x}{\sqrt{36-x^2}} dx$

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

3.  $\int \frac{dx}{\sqrt{x^2+2x+5}}$

4.  $\int \frac{x}{\sqrt{1+x^2}} dx$

5.  $\int \sqrt{x^2+1} dx$

6.  $\int \frac{x}{\sqrt{x^2-7}} dx$

7.  $\int \frac{e^x}{\sqrt{e^{2x}+9}} dx$

8.  $\int \frac{5 dx}{\sqrt{25x^2-9}}$

9.  $\int \frac{dx}{\sqrt{-(4x^2+24x+35)}}$

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

11.  $\int \frac{\sqrt{x}}{\sqrt{1-x}} dx$

12.  $\int \frac{x^3}{\sqrt{4x^2-1}} dx$