

1)  $\int \sqrt{9 - x^2} dx =$

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

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

4)  $\int \frac{\sqrt{x^2 - 25}}{x} dx$

5)  $\int \frac{\theta^3 d\theta}{\sqrt{9 - \theta^2}}$

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

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

8)  $\int \frac{dx}{x\sqrt{1 - x^2}}$

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

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

$$11) \int \frac{x^2 dx}{\sqrt{x^2 - 1}}$$

$$12) \int \frac{\sqrt{x^2 - 16}}{x} dx$$

$$13) \int \frac{1}{\sqrt{2+x^2}} dx$$

$$14) \int \frac{1}{x^2 \sqrt{x^2 - 25}} dx$$

$$15) \int \frac{1}{(z^2 - 2z + 5)^2} dz$$

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

$$17) \int \frac{1}{\sqrt{x^2 - 6x + 13}} dx$$

$$18) \int \frac{x^2 + 1}{(x^2 - 2x + 2)^2} dx$$