$$\int \frac{1}{\sqrt{a^2 4^2}} du = \sin \frac{1}{4} + C$$

 $\int \int \frac{1}{a^2 + u^2} du = \int \int \int \frac{u}{a} + C$



 $\int \frac{1}{a^2 + u^2} du = \frac{1}{a} + an^{-1} \frac{4}{a} + C$

1 du = 1 tanh-1 4 + C



 $\int \overline{u} \sqrt{u^2 - a^2} \, du = \int \frac{\sec^{-1} u}{a} \sec^{-1} \frac{u}{a} + c$

 $\int \overline{u \int a^2 - u^2} du = \frac{1}{a} \operatorname{Sech} - \frac{|u|}{a} + c$



 $\int \frac{1}{\sqrt{u^2 - a^2}} du = \cosh^{-1} \frac{u}{a} + C$

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