**INTEGRAL FUNGSI SIKLOMETRI**







Examples :

1. 
2.  subs : u = 2x 

 dx = ½ du

= ½ [1/3 arc tan ] + C = 1/6 arc tan (+ C

1. 
2.  subst : u = 3x2 du = 6x dx

x dx = 1/6 du



= 1/6 arc sin 

= 1/6 arc sin 

1.  subst : u = 2x du = 2dx

dx = ½ du

= 

= 

= 1/3 arc sec  + C

= 1/3 arc sec  + C

1. 

= 

= 

1.  Subst : u = ex  du = ex dx

= 

= 5 arc tg u + C = 5 arc tan ex + C