| Индекс | Модуль | Наименование | Формы контроля | | |

Antiderivatives

$\int \sec^2 x \, dx = \tan x + C$
$\int \csc^2 x \, dx = -\cot x + C$
$\int \sec x \tan x \, dx = \sec x + C$
$\int \csc x \cot x \, dx = -\csc x + C$
$\int \tan x \, dx = \ln \lvert \sec x \rvert + C$
$\int \cot x \, dx = \ln \lvert \sin x \rvert + C$
$\int \sec x \, dx = \ln \lvert \sec x + \tan x \rvert + C$
$\int \csc x \, dx = \ln \lvert \csc x - \cot x \rvert + C$
$\int \sec^3 x \, dx = \frac{1}{2} \sec x \tan x + \frac{1}{2} \ln \lvert \sec x + \tan x \rvert + C$
$\int \csc^3 x \, dx = -\frac{1}{2} \csc x \cot x + \frac{1}{2} \ln \lvert \csc x - \cot x \rvert + C$
$\int \sec^4 x \, dx = \frac{1}{3} \sec^2 x \tan x + \frac{2}{3} \tan x + C$
$\int \csc^4 x \, dx = -\frac{1}{3} \csc^2 x \cot x - \frac{2}{3} \cot x + C$
$\int \sec^5 x \, dx = \frac{1}{4} \sec^3 x \tan x + \frac{3}{4} \int \sec^3 x \, dx$
$\int \csc^5 x \, dx = -\frac{1}{4} \csc^3 x \cot x + \frac{3}{4} \int \csc^3 x \, dx$
$\int \sec^6 x \, dx = \frac{1}{5} \sec^4 x \tan x + \frac{4}{5} \int \sec^4 x \, dx$
$\int \csc^6 x \, dx = -\frac{1}{5} \csc^4 x \cot x + \frac{4}{5} \int \csc^4 x \, dx$
$\int \sec^7 x \, dx = \frac{1}{6} \sec^5 x \tan x + \frac{5}{6} \int \sec^5 x \, dx$
$\int \csc^7 x \, dx = -\frac{1}{6} \csc^5 x \cot x + \frac{5}{6} \int \csc^5 x \, dx$
$\int \sec^8 x \, dx = \frac{1}{7} \sec^6 x \tan x + \frac{6}{7} \int \sec^6 x \, dx$
$\int \csc^8 x \, dx = -\frac{1}{7} \csc^6 x \cot x + \frac{6}{7} \int \csc^6 x \, dx$
$\int \sec^9 x \, dx = \frac{1}{8} \sec^7 x \tan x + \frac{7}{8} \int \sec^7 x \, dx$
$\int \csc^9 x \, dx = -\frac{1}{8} \csc^7 x \cot x + \frac{7}{8} \int \csc^7 x \, dx$
$\int \sec^{10} x \, dx = \frac{1}{9} \sec^8 x \tan x + \frac{8}{9} \int \sec^8 x \, dx$
$\int \csc^{10} x \, dx = -\frac{1}{9} \csc^8 x \cot x + \frac{8}{9} \int \csc^8 x \, dx$
$\int \sec^{11} x \, dx = \frac{1}{10} \sec^9 x \tan x + \frac{9}{10} \int \sec^9 x \, dx$
$\int \csc^{11} x \, dx = -\frac{1}{10} \csc^9 x \cot x + \frac{9}{10} \int \csc^9 x \, dx$
$\int \sec^{12} x \, dx = \frac{1}{11} \sec^{10} x \tan x + \frac{10}{11} \int \sec^{10} x \, dx$
$\int \csc^{12} x \, dx = -\frac{1}{11} \csc^{10} x \cot x + \frac{10}{11} \int \csc^{10} x \, dx$
$\int \sec^{13} x \, dx = \frac{1}{12} \sec^{11} x \tan x + \frac{11}{12} \int \sec^{11} x \, dx$
$\int \csc^{13} x \, dx = -\frac{1}{12} \csc^{11} x \cot x + \frac{11}{12} \int \csc^{11} x \, dx$
$\int \sec^{14} x \, dx = \frac{1}{13} \sec^{12} x \tan x + \frac{12}{13} \int \sec^{12} x \, dx$
$\int \csc^{14} x \, dx = -\frac{1}{13} \csc^{12} x \cot x + \frac{12}{13} \int \csc^{12} x \, dx$
$\int \sec^{15} x \, dx = \frac{1}{14} \sec^{13} x \tan x + \frac{13}{14} \int \sec^{13} x \, dx$
$\int \csc^{15} x \, dx = -\frac{1}{14} \csc^{13} x \cot x + \frac{13}{14} \int \csc^{13} x \, dx$
$\int \sec^{16} x \, dx = \frac{1}{15} \sec^{14} x \tan x + \frac{14}{15} \int \sec^{14} x \, dx$
$\int \csc^{16} x \, dx = -\frac{1}{15} \csc^{14} x \cot x + \frac{14}{15} \int \csc^{14} x \, dx$
$\int \sec^{17} x \, dx = \frac{1}{16} \sec^{15} x \tan x + \frac{15}{16} \int \sec^{15} x \, dx$
$\int \csc^{17} x \, dx = -\frac{1}{16} \csc^{15} x \cot x + \frac{15}{16} \int \csc^{15} x \, dx$
$\int \sec^{18} x \, dx = \frac{1}{17} \sec^{16} x \tan x + \frac{16}{17} \int \sec^{16} x \, dx$
$\int \csc^{18} x \, dx = -\frac{1}{17} \csc^{16} x \cot x + \frac{16}{17} \int \csc^{16} x \, dx$
$\int \sec^{19} x \, dx = \frac{1}{18} \sec^{17} x \tan x + \frac{17}{18} \int \sec^{17} x \, dx$
$\int \csc^{19} x \, dx = -\frac{1}{18} \csc^{17} x \cot x + \frac{17}{18} \int \csc^{17} x \, dx$
$\int \sec^{20} x \, dx = \frac{1}{19} \sec^{18} x \tan x + \frac{18}{19} \int \sec^{18} x \, dx$
$\int \csc^{20} x \, dx = -\frac{1}{19} \csc^{18} x \cot x + \frac{18}{19} \int \csc^{18} x \, dx$
$\int \sec^{21} x \, dx = \frac{1}{20} \sec^{19} x \tan x + \frac{19}{20} \int \sec^{19} x \, dx$
$\int \csc^{21} x \, dx = -\frac{1}{20} \csc^{19} x \cot x + \frac{19}{20} \int \csc^{19} x \, dx$
$\int \sec^{22} x \, dx = \frac{1}{21} \sec^{20} x \tan x + \frac{20}{21} \int \sec^{20} x \, dx$
$\int \csc^{22} x \, dx = -\frac{1}{21} \csc^{20} x \cot x + \frac{20}{21} \int \csc^{20} x \, dx$
$\int \sec^{23} x \, dx = \frac{1}{22} \sec^{21} x \tan x + \frac{21}{22} \int \sec^{21} x \, dx$
$\int \csc^{23} x \, dx = -\frac{1}{22} \csc^{21} x \cot x + \frac{21}{22} \int \csc^{21} x \, dx$
$\int \sec^{24} x \, dx = \frac{1}{23} \sec^{22} x \tan x + \frac{22}{23} \int \sec^{22} x \, dx$
$\int \csc^{24} x \, dx = -\frac{1}{23} \csc^{22} x \cot x + \frac{22}{23} \int \csc^{22} x \, dx$
$\int \sec^{25} x \, dx = \frac{1}{24} \sec^{23} x \tan x + \frac{23}{24} \int \sec^{23} x \, dx$
$\int \csc^{25} x \, dx = -\frac{1}{24} \csc^{23} x \cot x + \frac{23}{24} \int \csc^{23} x \, dx$
$\int \sec^{26} x \, dx = \frac{1}{25} \sec^{24} x \tan x + \frac{24}{25} \int \sec^{24} x \, dx$
$\int \csc^{26} x \, dx = -\frac{1}{25} \csc^{24} x \cot x + \frac{24}{25} \int \csc^{24} x \, dx$
$\int \sec^{27} x \, dx = \frac{1}{26} \sec^{25} x \tan x + \frac{25}{26} \int \sec^{25} x \, dx$
$\int \csc^{27} x \, dx = -\frac{1}{26} \csc^{25} x \cot x + \frac{25}{26} \int \csc^{25} x \, dx$
$\int \sec^{28} x \, dx = \frac{1}{27} \sec^{26} x \tan x + \frac{26}{27} \int \sec^{26} x \, dx$
$\int \csc^{28} x \, dx = -\frac{1}{27} \csc^{26} x \cot x + \frac{26}{27} \int \csc^{26} x \, dx$
$\int \sec^{29} x \, dx = \frac{1}{28} \sec^{27} x \tan x + \frac{27}{28} \int \sec^{27} x \, dx$
$\int \csc^{29} x \, dx = -\frac{1}{28} \csc^{27} x \cot x + \frac{27}{28} \int \csc^{27} x \, dx$
$\int \sec^{30} x \, dx = \frac{1}{29} \sec^{28} x \tan x + \frac{28}{29} \int \sec^{28} x \, dx$
$\int \csc^{30} x \, dx = -\frac{1}{29} \csc^{28} x \cot x + \frac{28}{29} \int \csc^{28} x \, dx$
$\int \sec^{31} x \, dx = \frac{1}{30} \sec^{29} x \tan x + \frac{29}{30} \int \sec^{29} x \, dx$
$\int \csc^{31} x \, dx = -\frac{1}{30} \csc^{29} x \cot x + \frac{29}{30} \int \csc^{29} x \, dx$
$\int \sec^{32} x \, dx = \frac{1}{31} \sec^{30} x \tan x + \frac{30}{31} \int \sec^{30} x \, dx$
$\int \csc^{32} x \, dx = -\frac{1}{31} \csc^{30} x \cot x + \frac{30}{31} \int \csc^{30} x \, dx$
$\int \sec^{33} x \, dx = \frac{1}{32} \sec^{31} x \tan x + \frac{31}{32} \int \sec^{31} x \, dx$
$\int \csc^{33} x \, dx = -\frac{1}{32} \csc^{31} x \cot x + \frac{31}{32} \int \csc^{31} x \, dx$
$\int \sec^{34} x \, dx = \frac{1}{33} \sec^{32} x \tan x + \frac{32}{33} \int \sec^{32} x \, dx$
$\int \csc^{34} x \, dx = -\frac{1}{33} \csc^{32} x \cot x + \frac{32}{33} \int \csc^{32} x \, dx$
$\int \sec^{35} x \, dx = \frac{1}{34} \sec^{33} x \tan x + \frac{33}{34} \int \sec^{33} x \, dx$
$\int \csc^{35} x \, dx = -\frac{1}{34} \csc^{33} x \cot x + \frac{33}{34} \int \csc^{33} x \, dx$
$\int \sec^{36} x \, dx = \frac{1}{35} \sec^{34} x \tan x + \frac{34}{35} \int \sec^{34} x \, dx$
$\int \csc^{36} x \, dx = -\frac{1}{35} \csc^{34} x \cot x + \frac{34}{35} \int \csc^{34} x \, dx$
$\int \sec^{37} x \, dx = \frac{1}{36} \sec^{35} x \tan x + \frac{35}{36} \int \sec^{35} x \, dx$
$\int \csc^{37} x \, dx = -\frac{1}{36} \csc^{35} x \cot x + \frac{35}{36} \int \csc^{35} x \, dx$
$\int \sec^{38} x \, dx = \frac{1}{37} \sec^{36} x \tan x + \frac{36}{37} \int \sec^{36} x \, dx$
$\int \csc^{38} x \, dx = -\frac{1}{37} \csc^{36} x \cot x + \frac{36}{37} \int \csc^{36} x \, dx$
$\int \sec^{39} x \, dx = \frac{1}{38} \sec^{37} x \tan x + \frac{37}{38} \int \sec^{37} x \, dx$
$\int \csc^{39} x \, dx = -\frac{1}{38} \csc^{37} x \cot x + \frac{37}{38} \int \csc^{37} x \, dx$
$\int \sec^{40} x \, dx = \frac{1}{39} \sec^{38} x \tan x + \frac{38}{39} \int \sec^{38} x \, dx$
$\int \csc^{40} x \, dx = -\frac{1}{39} \csc^{38} x \cot x + \frac{38}{39} \int \csc^{38} x \, dx$
$\int \sec^{41} x \, dx = \frac{1}{40} \sec^{39} x \tan x + \frac{39}{40} \int \sec^{39} x \, dx$
$\int \csc^{41} x \, dx = -\frac{1}{40} \csc^{39} x \cot x + \frac{39}{40} \int \csc^{39} x \, dx$
$\int \sec^{42} x \, dx = \frac{1}{41} \sec^{40} x \tan x + \frac{40}{41} \int \sec^{40} x \, dx$
$\int \csc^{42} x \, dx = -\frac{1}{41} \csc^{40} x \cot x + \frac{40}{41} \int \csc^{40} x \, dx$
$\int \sec^{43} x \, dx = \frac{1}{42} \sec^{41} x \tan x + \frac{41}{42} \int \sec^{41} x \, dx$
$\int \csc^{43} x \, dx = -\frac{1}{42} \csc^{41} x \cot x + \frac{41}{42} \int \csc^{41} x \, dx$
$\int \sec^{44} x \, dx = \frac{1}{43} \sec^{42} x \tan x + \frac{42}{43} \int \sec^{42} x \, dx$
$\int \csc^{44} x \, dx = -\frac{1}{43} \csc^{42} x \cot x + \frac{42}{43} \int \csc^{42} x \, dx$
$\int \sec^{45} x \, dx = \frac{1}{44} \sec^{43} x \tan x + \frac{43}{44} \int \sec^{43} x \, dx$
$\int \csc^{45} x \, dx = -\frac{1}{44} \csc^{43} x \cot x + \frac{43}{44} \int \csc^{43} x \, dx$
$\int \sec^{46} x \, dx = \frac{1}{45} \sec^{44} x \tan x + \frac{44}{45} \int \sec^{44} x \, dx$
$\int \csc^{46} x \, dx = -\frac{1}{45} \csc^{44} x \cot x + \frac{44}{45} \int \csc^{44} x \, dx$
$\int \sec^{47} x \, dx = \frac{1}{46} \sec^{45} x \tan x + \frac{45}{46} \int \sec^{45} x \, dx$
$\int \csc^{47} x \, dx = -\frac{1}{46} \csc^{45} x \cot x + \frac{45}{46} \int \csc^{45} x \, dx$
$\int \sec^{48} x \, dx = \frac{1}{47} \sec^{46} x \tan x + \frac{46}{47} \int \sec^{46} x \, dx$
$\int \csc^{48} x \, dx = -\frac{1}{47} \csc^{46} x \cot x + \frac{46}{47} \int \csc^{46} x \, dx$
$\int \sec^{49} x \, dx = \frac{1}{48} \sec^{47} x \tan x + \frac{47}{48} \int \sec^{47} x \, dx$
$\int \csc^{49} x \, dx = -\frac{1}{48} \csc^{47} x \cot x + \frac{47}{48} \int \csc^{47} x \, dx$
$\int \sec^{50} x \, dx = \frac{1}{49} \sec^{48} x \tan x + \frac{48}{49} \int \sec^{48} x \, dx$
$\int \csc^{50} x \, dx = -\frac{1}{49} \csc^{48} x \cot x + \frac{48}{49} \int \csc^{48} x \, dx$