$27°.\ \left(\sqrt{\dfrac{\cos x}{1-\sin x}}\right)' = \dfrac{-1+\sin x}{2\sqrt{\frac{\sin x+1}{\cos x}}(-2+2\sin x+\cos^2 x)}$

$28°.\ (x^x)' = (\ln x + 1)x^x$

$1°.\ (x^3)' = 3x^2$

$2°.\ \left(\dfrac{1}{x^2}\right)' = \dfrac{-2}{x^3}$

$3°.\ \sin(x^2)' = 2x\cos(x^2)$

$4°.\ \ln(3x^2+x)' = \dfrac{6x+1}{3x^2+x}$

$5°.\ \left(e^{-x^2}\right)' = -2xe^{-x^2}$

$6°.\ \left((2x-1)^3\right)' = 6(2x-1)^2$

$7°.\ \left((x^4-x^2+1)^5\right)' = 5(4x^3-2x)(x^4-x^2+1)^4$

$8°.\ \left(\dfrac{1}{(3-x)^6}\right)' = \dfrac{6}{(3-x)^7}$

$9°.\ (\dfrac{x+2}{x})' = -\dfrac{2}{x^2}$

$10°.\ \left(x^{1/3}\right)' = \dfrac{1}{3}x^{-2/3} = \dfrac{1}{3\sqrt[3]{x^2}}$

$11°.\ \left(\dfrac{1}{x\sqrt{x}}\right)' = -\dfrac{3}{2x^{5/2}}$

$12°.\ \left(\dfrac{-3x^2+4x-1}{x^2+2x+5}\right)' = -\dfrac{2(5x^2+14x-11)}{(x^2+2x+5)^2}$

$13°.\ \left(\dfrac{(x^2+1)^3}{(x^2-x+1)^2}\right)' = \dfrac{2(x^2+1)^2(x^3-2x^2+x+1)}{(x^2-x+1)^3}$

$14°.\ (\sin^3 x)' = 3\cos x \sin^2 x$

$15°.\ \cos(2x^2+3x)' = -(4x+3)\sin(2x^2+3x)$

$16°.\ \ln(\sin x)' = cotan\ x$

$17°.\ \sqrt{\sin x}' = \dfrac{\cos x}{2\sqrt{\sin x}}$

$18°.\ (x^2\cos x)' = 2x\cos x - x^2\sin x$

$19°.\ \left(\dfrac{\sin x}{\sqrt{x}}\right)' = \dfrac{\cos x}{\sqrt{x}} - \dfrac{\sin x}{2x\sqrt{x}}$

$20°.\ (\sqrt{x^2+4x+4})' = \dfrac{x+2}{\sqrt{x^2+4x+4}}$

$21°.\ \left((x^2-5x+3)\ln x\right)' = (2x-5)\ln x + \dfrac{x^2-5x+3}{x}$

$22°.\ (\sqrt{\ln^2 x+1})' = \dfrac{\ln x}{x\sqrt{\ln^2 x+1}}$

$23°.\ (\tan x + cotan\ x)' = \dfrac{1}{\cos^2 x} - \dfrac{1}{\sin^2 x}$

$24°.\ \left(\dfrac{2\sin x+1}{2\sin x-1}\right)' = \dfrac{4\cos x}{-5+4\sin x+4\cos^2 x}$

$25°.\ \left(\dfrac{1+\tan x}{1-\tan x}\right)' = \dfrac{2(1+\tan^2 x)}{(-1+\tan^2 x)^2}$

$26°.\ \left(\dfrac{\cos x}{1-\sin x}\right)' = \dfrac{-1}{-1+\sin x}$