

$$\frac{dy}{dx} = y(1 - 2x)$$

$$(x+1)^2 + (y-2)^2 = 1$$

$x^2 + y^2 = 5$	$\frac{dy}{dx} = \frac{3}{y}$	$y^2 = 6x$	$\frac{dy}{dx} = \frac{3x^2}{8y - 3y^2}$	$x^3 + y^3 = 4y^2$	$\frac{dy}{dx} = -\frac{x+1}{y-2}$
-----------------	-------------------------------	------------	--	--------------------	------------------------------------

$$\frac{dy}{dx} = \frac{-x}{y}$$

$$4x^2 + y^2 = 4$$

$\frac{dy}{dx} = \frac{-4x}{y}$	$y^3 = x^2 + 1$	$\frac{dy}{dx} = \frac{2x}{3y^2}$	$(y-1)^2 = 2x$	$\frac{dy}{dx} = \frac{1}{y-1}$	$3y^2 = x(x^2 - 3)$
---------------------------------	-----------------	-----------------------------------	----------------	---------------------------------	---------------------

$$\frac{dy}{dx} = \frac{x^2 - 1}{2y}$$

$$\ln y - x^2 = 5x^3$$

$\ln(3x) + 2y^2 = x^3$	$\frac{dy}{dx} = \frac{8 - 2x}{15e^{3y}}$	$5e^{3y} - x^2 = 8x$	$\frac{dy}{dx} = \frac{-2x^2}{e^{3y}}$	$e^{3y} + 2x^3 = 5$	$\frac{dy}{dx} = y(15x^2 + 2x)$
------------------------	---	----------------------	--	---------------------	---------------------------------

$$\frac{dy}{dx} = \frac{3x^3 - 1}{4xy}$$

$$2\sin y + y^2 = 7x$$

$x^2y = 6x$	$\frac{dy}{dx} = y(8x - 3x^2)$	$\ln 2y + x^3 = 4x^2$	$\frac{dy}{dx} = \frac{1}{y^2 + \sin 2y}$	$2y^3 - 3\cos 2y = 6x$	$\frac{dy}{dx} = \frac{7}{2\cos y + 2y}$
-------------	--------------------------------	-----------------------	---	------------------------	--

$\frac{dy}{dx} = \frac{6 - 2xy}{x^2}$
$2x^3y = 3x^2 + 4$

$\frac{dy}{dx} = \frac{3 - 3xy}{x^2}$	$x^2 2e^y - 5x = 3$	$\frac{dy}{dx} = \frac{5 - 4xe^y}{2x^2 e^y}$	$e^{4y} - 2x\cos 3y = 2x$	$\frac{dy}{dx} = \frac{1 + \cos 3y}{2e^{4y} + 3x\sin 3y}$	$5x^2 \sin y = 4x^5$
---------------------------------------	---------------------	--	---------------------------	---	----------------------

$$\frac{dy}{dx} = \frac{4x^3 - 2\sin y}{x\cos y}$$

$$3y^2 + x^3 = 4x$$

$\ln y + x^2 - x = 0$	$\frac{dy}{dx} = \frac{y - x + 2}{3y - x}$	$x^2 - 4x - 2y + 3y^2 - 2 = 0$	$\frac{dy}{dx} = 3y$	$\ln y^2 = 6x$	$\frac{dy}{dx} = \frac{4 - 3x^2}{6y}$
-----------------------	--	--------------------------------	----------------------	----------------	---------------------------------------