



Differential Equations Assignment 6

Solve each differential equation.

(a) $(x - y)dx + xdy = 0$

(b) $xdx + (y - 2x)dy = 0$



Solutions to Assignment 6

Remember the form of your solutions may vary! Your solution might be correct even though it does not look exactly like the solution listed below.

(a) $x \ln |x| + y = Cx$

(b) $(x - y) \ln |x - y| - y = C(x - y)$