

MthSc 208: Differential Equations (Summer II, 2012)
In-class Worksheet 2a: Separation of variables

NAME:

1. Find the *general solution* of the differential equation $y' = 2ty$, by *separation of variables*.

2. Find the *particular solution* of the *initial value problem* $y' = 2ty$, $y(3) = 5$.