

# [CONCLUSION OF SET #1]

## PROBLEM SET #1 (PART TWO)

Use the method of separation to find the general solution of the differential equation from Section 1.4, on page 40, given below.

Express your final answers in explicit form solved for  $y(x)$

⑤  $\frac{dy}{dx} + 2xy^2 = 0$  in exercise (2) on page 40

⑥  $\frac{dy}{dx} = 3\sqrt{xy}$  in exercise (6) on page 40