Calculus I, Fall 2013 (http://www.math.nthu.edu.tw/~wangwc/)

Brief answer to selected problems in Homework 12

1. Section 6.3: problem 25: $3x = \pm y^{1/2}(y-3), dx = \pm \frac{1}{2}(y^{1/2} - y^{-1/2})dy. ds^2 = dx^2 + dy^2.$