Math 122 - Quiz 5

(1) [7] Evaluate the improper integral

$$\int_{-2}^{14} \frac{1}{\sqrt[4]{x+2}} \, dx$$

making proper use of any required limits.

Math 122 - Quiz 5

(2) [8] Determine the area enclosed by the curves $x = 2y^2$ and x + y = 1.