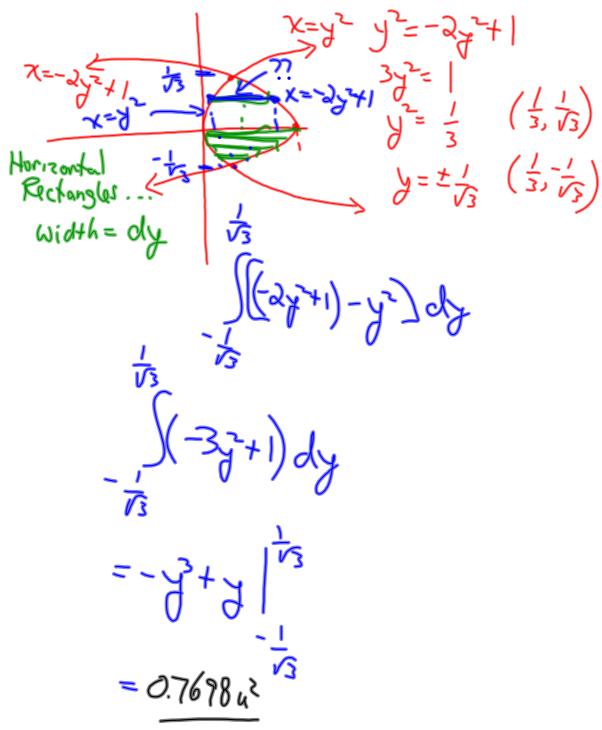
## Sometimes horizontal rectangles are a better option...

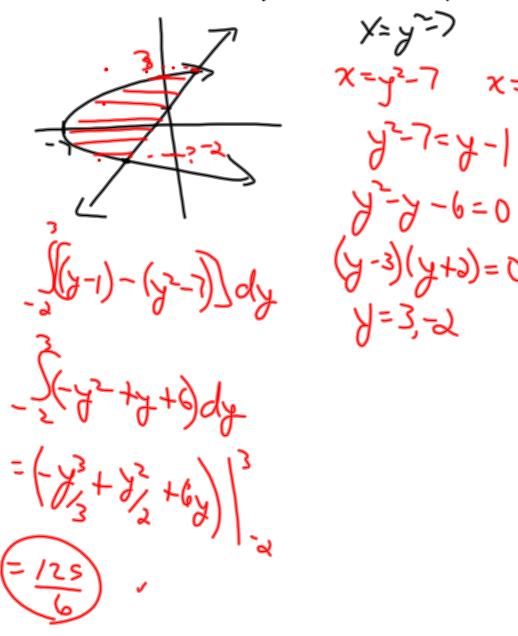
## Example:

Determine the area of the region bound by the curves

$$x = y^2$$
 and  $x = -2y^2 + 1$ .



Determine the area bounded by the curves  $x + 7 = y^2$  and y = x + 1.



## Practice Set...

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Determine the area of the region bound by the curves x + y = 1 and x + y = 5 and y = 2x + 1 and y = 2x + 6.