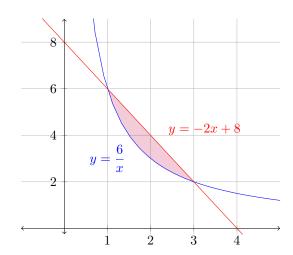
Please show all your work! Answers without supporting work will not be given credit. Write answers in spaces provided.

Name:_

1. [5 pts] Set up the integral that computes the area shown below with respect to x.

DON'T COMPUTE IT!!!



Area —

2. [5 pts] Set up the integral that computes the area of the region bounded by

$$y = \sin(x)$$
, $y = \cos(x)$, $x = -\pi/4$ and $x = \pi/4$

with respect to x.

DON'T COMPUTE IT!!!