

Answer the questions in the spaces provided on the question sheets. If you run out of room for an answer, continue on the back of the page.

Name and section: _____

Instructor's name: _____

1. (5.1, probl. 11) Find the area between $y = x^3 - 1$ and $y = 1 - x$ on $[-2, 2]$.

2. (5.1, probl. 19) Find the area between $y = x^3$ and $y = x^2$.

3. (5.1, probl. 30) Find the area between $x = y^2$ and $x = 1$.

4. (5.1, probl. 32) Find the area between $y = x^2$, $y = -x$, and $y = 2$.