**Name**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Date**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Calc I H – 7.1 Quiz review - Area between 2 curves Period** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**I. Find the area of the regions enclosed by the following lines and curves:**

 1. The curve  and the line .

 2. Below the line  and above the curve  in the first quadrant.

 3. The curve  and the line .

 4. The curves  and .

 5. The line  and the curve . (Hint: There are two regions.)

 6. The curve  and the line .

 7. The line  and the curve . (Hint: There are two regions.)

 8. The curve  and the line .

**II. Find the areas of the shaded regions:**

 9. 10.





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