AP Calculus AB Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Area Between Curves Notes

Area =

Where f and g are continuous functions and for all x in [a, b]

Examples:

 Find the area between the curves.

1. , , x = 0, and x = 2

2. , 

3.  and 

4.  and 

5. and 