Calculus 1: Integration Part 1 Review Name Date

Integrate the following. Make sure you show all your work and set-ups as required for each problem.

1)  2) 

3)  4) 

5)  6) 

7)  8) 

Solve for the constant of integration given the derivatives and a point of the original function.

9)  10) 

11) 

**Extra problems:**

Evaluate the given indefinite integral:

1.  2.  3.

4.  5.  6. 

7.  8.  9. 

Find *f*(*x*) using the point given to find the constant of integration:

10.  11. 