**Math 252 Homework 6 Written Part Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

*Write legibly. Show your work. Graph neatly. Use a ruler for all straight lines.*

1. Fill in the indefinite integral (anti-derivative) of each function. Don't forget the +C !

|  |  |
| --- | --- |
|  | **Indefinite Integral / Anti-Derivative** |
| example: | answer:    = |
| (where a is constant) |  |
|  | For all n except n = \_\_\_ |
|  |  |
|  |  |
|  |  |
|  |  |

Showing your work neatly, completely, and correctly, find each integral. Give your answers in exact form (no weird decimals, please).