Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Computing Derivatives**

Take the derivatives of the following functions

|  |  |
| --- | --- |
| 1. cos(x))x2 | 1. x3 |
| 1. 2x5/sin(x) | 1. 3x-2 |
| 1. x-1/2 | 1. cos(x) |
| 1. sin(x) | 1. tan(x) |
| 1. (x2+2)5 | 1. cos(3x2) |

Trig Derivatives to Learn:

|  |  |
| --- | --- |
| sin’x | cosx |
| cos’x | -sinx |
| tan’x | sec2x |
| csc’x | -cscxcotx |
| sec’x | secxtanx |
| cot’x | -csc2x |