Review WS Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit 4 – Trig Inverses

**Graphing:** Know how to graph all 6 trig functions with transformations. Know the domain, range, period, location of asymptotes, max/min,& odd/even of all parent graphs and transformations.

Graph each function.

|  |  |
| --- | --- |
| 1.
 | 1.
 |
| 1.
 | 1.
 |

 **Damped Trig Functions**: (No calculator)

|  |  |
| --- | --- |
| 1. Find the value of  when
2.
3.
4.
 | 1. Find the value of
2.
3.
4.
 |
| 1. Graph
 | 1. Graph
 |

**Graph inverses** and state domain and range.

|  |  |  |  |
| --- | --- | --- | --- |
| 1. y = 3 arccos (x)
 | 1. y = arctan x + 1
 | 1. y = sin-1 3x
 | 1. y = cot -1 (x + 3)
 |

**Evaluate**: No calculator!

|  |  |  |
| --- | --- | --- |
| 1. Arcsin (-1)
 | 1. Arccos (-1)
 | 1. Arccsc (-1)
 |
| 1.
 | 1.
 | 1.
 |
| 1.
 | 1.
 | 1.
 |
| 1.
 | 1.
 | 1.
 |
| 1.
 | 1.
 | 1.
 |
| 1.
 | 1.
 | 1.
 |

**KNOW: How to write the equation of a trig function given a graph. Go back over your hwk problems for this. Know characteristics of graphs.**