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

**August 28th, 2012**

**AP Calculus 1, Mrs. Sulkes**

**Section 1.5 Inverse Trig**

**Inverse Trig Functions:**

*Fill in the chart by listing the six inverse trig functions with the domain and range of each. See p. 41 of your textbook for guidance. Then review the graphs of each trig function (p. 42).*

**Chart:**

|  |  |  |
| --- | --- | --- |
| **Function** | **Domain** | **Range** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |







**Practice using right triangles and solving equations:**

1. Evaluate: 
2. Evaluate: 
3. Solve for x: 

**Homework: p. 47 #89 – 95 odd, 109-113 odd, 119 – 125 odd**