

<b>Test Name/Numbe</b>	Test to find correct X Value
<b>Test Objective</b>	Find if the math procedures to find a x value, given a specific p approached result works using T-Distribution function integrated using Simpson Rule integration
<b>Test Description</b>	The test will define 3 instances of XValueFinder classes with an accepted error of 0.000001. Each instance will receive the values defined in the assignment instructions to find the value of X inside the error range
<b>Test Conditions</b>	Test1 -> p = 0.20, dof = 6 Test2 -> p = 0.45, dof = 15 Test3 -> p = 0.495, dof = 4
<b>Expected Results</b>	Test1 -> x = 0.55338 Test2 -> x = 1.75305 Test3 -> x = 4.60409
<b>Actual Results</b>	Test1 -> x = 0.5533828735351562 Test2 -> x = 1.7530517578125 Test3 -> x = 4.60400390625