

Unit Testing Plan/Results for the Cell Class

Test description	Setup	Expected result	Actual Result
Setter functions of the cell	<ul style="list-style-type: none">• Set a solution using SetSolution()• Set a value using SetValue()• Set if the cell is hardwired using SetHardwired()• Set a row value using SetRow()• Set a column value using SetCol()• Initialize notes using InitializeNotes() test function• Set some values in notes using SetNotes()	Cell does not have error checking so no matter what value is set, these functions should be successful	All values were set without errors
Getter functions of the cell	<ul style="list-style-type: none">• Get and print the cell solution using GetSolution()• Get and print the cell value using GetValue()• Get and print if the cell is hardwired using isHardwired()• Get and print the cell row value using GetRow()• Get and print the cell column value using GetCol()• Print the cell notes by using the PrintNotes() test function	All printed values should = the values set in the previous test	All printed values were = to the values set in the previous test