

Team Gwuacamohli (Period 8)
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APCS1 Pd08
HW#62 -- Pointing Your Rocket Skyward
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Grapher UML

<pre>(-) int xmin, xmax, ymin, ymax (-) String[][] _graph</pre>
<pre>(+) void Grapher() (+) void Grapher(int, int) (+) void Grapher(int, int, int, int) (+) void filler() This fills the matrix with spaces (+) String toString() (+) String userInput() (+) String[] eqToArray(String) (+) ArrayList arToAL(String[]) (+) int calcVal(int) (+) void plot()</pre>

Calculator UML (for simple, single operation calculations)

<pre>(-)ArrayList<Object> _input</pre>
<pre>(+) double add(int, int) (+) double subtract(int, int) (+) double multiply(int, int) (+) double divide(int, int) (+) double exponent(int, int) (+) String userInput() (+) String[] eqToArray(String) (+) ArrayList arToAL(String[])</pre>

Spreadsheet UML

<pre>(-) int numcols, numRows (-) Object[][] _table</pre>
<pre>(+) String toString() (+) void Spreadsheet() (+) void Spreadsheet(int, int) (+) Object set(int, int, Object) (+) Object remove(int, int, Object) (+) Object get(int, int)</pre>

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(+) String addRow(int)
(+) String addCol(int)
(+) Int statistics()
```

Splitter UML

```
(+) ArrayList toAL(String[])
(+) ArrayList makeAL(String)
(+) void numberize(ArrayList)
(+) int findDeg(String)
(+) int findCoeff(String)
(+) boolean hasX(String)
(+) int input(String, int)
(+) int reduce(ArrayList, int)
```

