[4.6] Graphing piece-wise defined functions with "|" operator

This method uses the Y= Editor to define several functions, each of which defines the function over a given range:

```
y1 = f1(x) | range1
y2 = f2(x) | range2
y3 = f3(x) | range3
etc...
```

f1, f2 and f3 are the functions for each range. range1, range2 and range 3 are the conditional expressions that define the x-range for each function. '|' is the "where" operator. For example:

y1 = x | x<3
y2 = -(x+3) | x3 and x<5
y3 =
$$1/2$$
*x | $x \ge 5$

Note that this method does not define a single, piece-wise continuous function. Instead, it defines several functions that, when plotted simultaneously, give the appearance of a single function.

(Credit to Fabrizio)