

8/15/2006 11:07:11 AM

Welcome to Minitab, press F1 for help.

```
MTB > set c1
DATA> 58 120 123 104 121 111 91 104 128 133
DATA> 118 86 134 132 68 121 122 115 106 115
DATA> end
MTB > desc birthwt
```

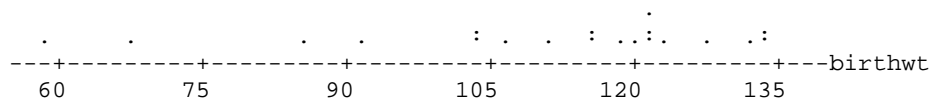
Descriptive Statistics: birthwt

Variable	N	Mean	Median	TrMean	StDev	SE Mean
birthwt	20	110.50	116.50	112.11	20.74	4.64

Variable	Minimum	Maximum	Q1	Q3
birthwt	58.00	134.00	104.00	122.75

```
MTB > dotplot birthwt
```

Dotplot: birthwt



```
MTB > stem birthwt
```

Stem-and-Leaf Display: birthwt

Stem-and-leaf of birthwt N = 20
Leaf Unit = 1.0

```
 1  5 8
 2  6 8
 2  7
 3  8 6
 4  9 1
 7 10 446
(4) 11 1558
 9 12 011238
 3 13 234
```

```
MTB > boxplot birthwt
```

Boxplot birthwt

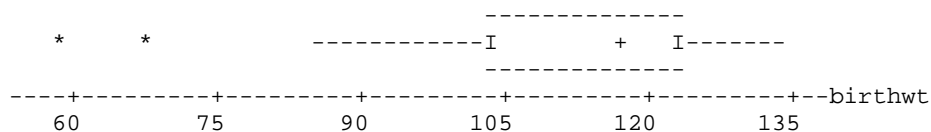
NOTE: The above command produced a nice graph of the boxplot of the variable birthwt.
This is not displayed here. Alternatively, however, by menu commands using the "character graph"
option, one can get a text-type display of the boxplot -- see below. Note that Minitab now calls this
#option "obsolete" but still seems to do it if asked.

```
MTB > GStd.
```

* NOTE * Character graphs are obsolete.

MTB > BoxPlot 'birthwt'.

Boxplot



MTB > GPro.

Now let's get the ordered data values.

MTB > sort birthwt c2

MTB > print c2

Data Display

```
sortc1
  58   68   86   91  104  104  106  111  115  115
 118  120  121  121  122  123  128  132  133  134
```

MTB > GStd.

* NOTE * Character graphs are obsolete.

MTB > Histogram 'birthwt'.

Histogram

Histogram of birthwt N = 20

Midpoint	Count
60	1 *
70	1 *
80	0
90	2 **
100	2 **
110	2 **
120	8 *****
130	4 ****

MTB > GPro.

That was an obsolete character graph histogram. The following command gets a # graphical version, showing in a separate window which can be printed by itself.

MTB > hist birthwt

Histogram birthwt

MTB > Save "C:\RJS\COURSES\3332\MINITA~1\MINITABDEMO1.MPJ";

```
SUBC>    Project;  
SUBC>    Replace.  
Saving file as: C:\RJS\COURSES\3332\MINITA~1\MINITABDEMO1.MPJ  
* NOTE * Existing file replaced.  
MTB >
```