


# MasterMath



Statistics

## BOX-AND-WHISKER PLOTS

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### BOX-AND-WHISKER PLOTS

Student	Height in Inches
Jack	69
Jake	58
Jan	59
Jen	54
Jenny	72
Jerry	66
Jessie	59
Jimmy	67
Job	67
Joe	62
John	51
John	62
Jonnie	52
Jose	69
Jossie	62
Julie	58
June	63
Junior	66

Minimum: 51 →

Half way: 58 →

Median: 62 →

Half way: 67 →

Maximum: 72 →

Student	Height in Inches
John	51
Jonnie	52
Jen	54
Jake	58
Julie	58
Jan	59
Jessie	59
Joe	62
John	62
Jossie	62
June	63
Jerry	66
Junior	66
Jimmy	67
Job	67
Jack	69
Jose	69
Jenny	72

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### BOX-AND-WHISKER PLOTS

First Quartile

Second Quartile

Third Quartile

Fourth Quartile

Minimum: 51 →

Half way: 58 →

Median: 62 →

Half way: 67 →

Maximum: 72 →

Student	Height in Inches
John	51
Jonnie	52
Jen	54
Jake	58
Julie	58
Jan	59
Jessie	59
Joe	62
John	62
Jossie	62
June	63
Jerry	66
Junior	66
Jimmy	67
Job	67
Jack	69
Jose	69
Jenny	72

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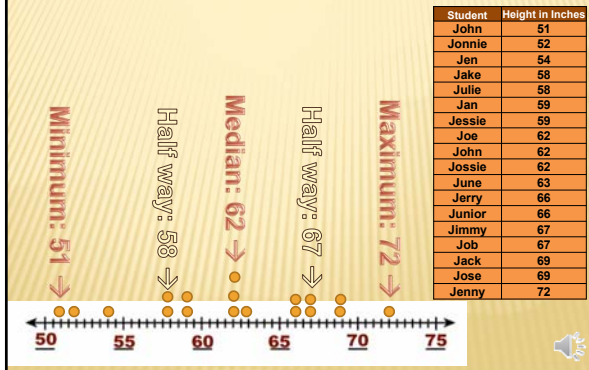
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BOX-AND-WHISKER PLOTS




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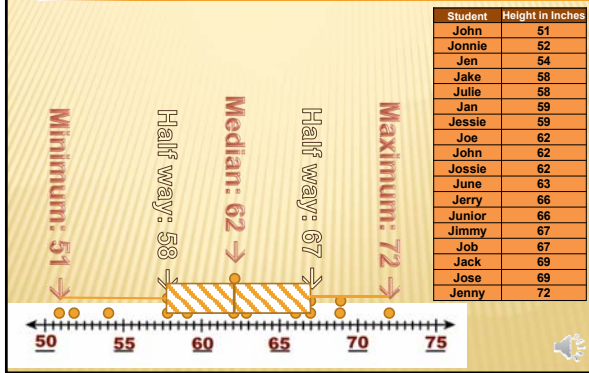
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BOX-AND-WHISKER PLOTS




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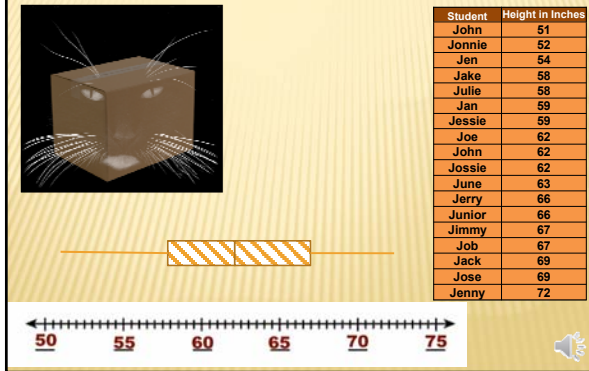
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BOX-AND-WHISKER PLOTS




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BOX-AND-WHISKER PLOTS

15 Year Old Boys	Facebook Friends
A	51
B	3
C	14
D	28
E	267
F	46
G	69
H	43
I	87
J	32
K	0



Draw a Box-And Whisker Plot to describe this data.

You Try

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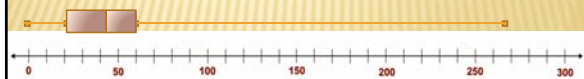
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BOX-AND-WHISKER PLOTS

15 Year Old Boys	Facebook Friends	15 Year Old Boys	Facebook Friends
A	51	K	0
B	3	B	3
C	14	C	14
D	28	D	28
E	267	J	32
F	46	H	43
G	69	F	46
H	43	A	51
I	87	G	69
J	32	I	87
K	0	E	267



You Try

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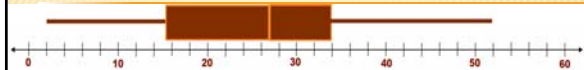
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BOX-AND-WHISKER PLOTS



Answer the following questions about the data described in this Box-And Whisker Plot:

1. What is the median value of the data?
2. What is the maximum value?
3. If there is an outlier, which Quartile would you expect to find it in?

You Try It!

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**BOX-AND-WHISKER PLOTS**

**Answer the following questions about the data described in this Box-And Whisker Plot:**

1. What is the median value of the data? **27**
2. What is the maximum value? **52**
3. If there is an outlier, which Quartile would you expect to find? **Q4n?**

**You Try**

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**BOX-AND-WHISKER PLOTS**

**Now, try it on your own. Go to [www.MasterMath.info](http://www.MasterMath.info) download [Box-and-Whisker Plots](#) from the Worksheets Page, and test your skill. Then see how much you understand by taking the Subject Quiz**

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