

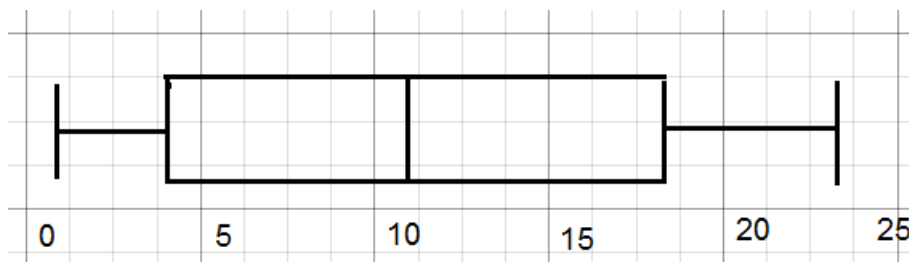
Statistics lesson 4 - Boxplots

Magic Monk Tutorials

1 Draw the boxplot of the following lists in the graph paper provided.

1.1 2, 3, 5, 7, 11, 13, 17, 19, 23. Note this list is featured in worksheet 2.

We know the five number summary from worksheet 2. Highest = 23, lowest = 2, median = 11, LQ = 4, UQ = 18. Choose the axis from 0 to 25, 5 per grey line.



1.2 32, 35, 64, 48, 86, 73, 45, 84, 46, 54

First, order our list. We end up with 32, 35, 45, 46, 48, 54, 64, 73, 84, 86.

Highest = 86, lowest = 32. median is the midpoint of the 5th and 6th numbers, which is 51 in this case. our lower quartile is 32, 35, 45, 46, 48, with an LQ of 45. Our upper quartile is 54, 64, 73, 84, 86, with an UQ of 73. Choose our axis from 0 to 100.

