

## Part 5.1: Centre – The Difference Between Medians

We now need to state what the difference between the medians is. This is calculated by subtracting one median from the other.

Again the first one has been done for you.

To be going for Merit you need to say why you are looking at the median rather than the mean and state if this lines up with expectations. To be going for Excellence you need to link this to research.

You should start by stating what you can see just by looking at the graph.

1. Looking at the graph of the sample of rugby players, the middle of the forwards' weights definitely appears to be heavier than the backs. This is backed up by the forwards' median weight being 18.50 kg higher than the backs' median weight.

## 1. Rugby Players Weight by Position

