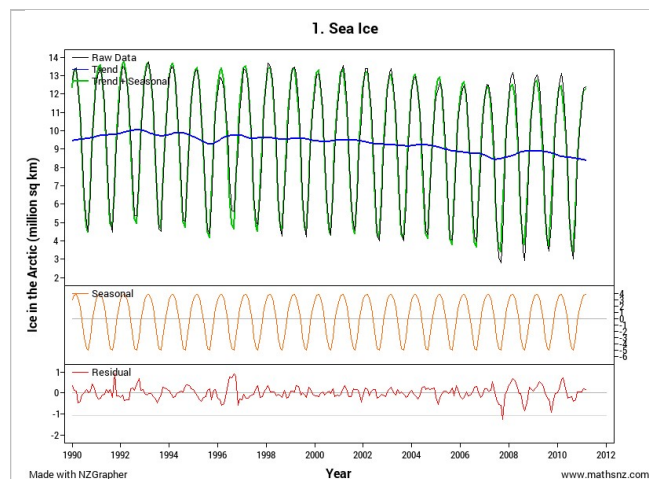


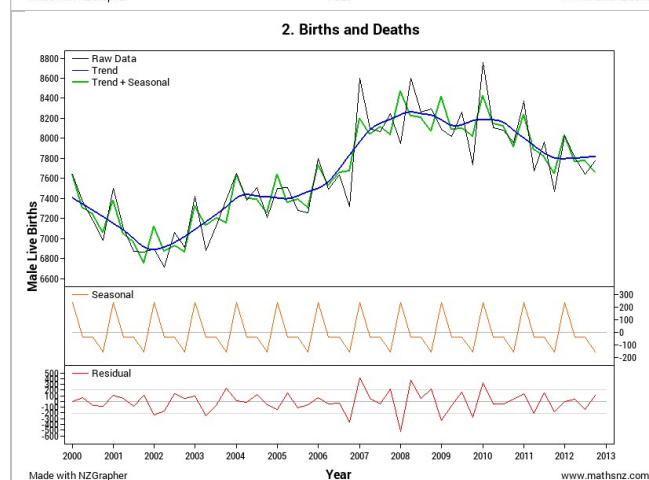
### Part 4.1: Long Term Trend

For the long term trend we want to be discussing the overall trend. This is what is happening to the blue line on our recomposed data graphs. Is it increasing, decreasing or doing something else? It is good to give numbers for different dates to back up your comments. For higher grades you should be giving possible reasons and link to your purpose. You should always start by stating the start and finish values, and then elaborate on what is happening in between. You could also think about how much of the variation in the raw data is due to the change in this trend.

For each of the graphs write a comment about the long term trend.  
The first two have been done for you.



By looking at the recomposed data I can see that overall the amount of sea ice in the arctic area appears to be generally decreasing from about 10 million square kilometres on average in 1990 to approximately 8 million square kilometres on average in 2011.



By looking at the recomposed data I can see that overall the amount of male live births has increased since 2000 from approximately 7400 per quarter on average to approximately 7800 male live births per quarter on average at the end of 2012. In 2000 there were approximately 7400 births per quarter on average, this dropped to approximately 6800 per quarter on average in 2002, climbed to a peak of 8200 per quarter on average in 2008, possibly due to the financial boom, and has dropped off slightly to approximately 7800 per quarter on average in at the end of 2012.