

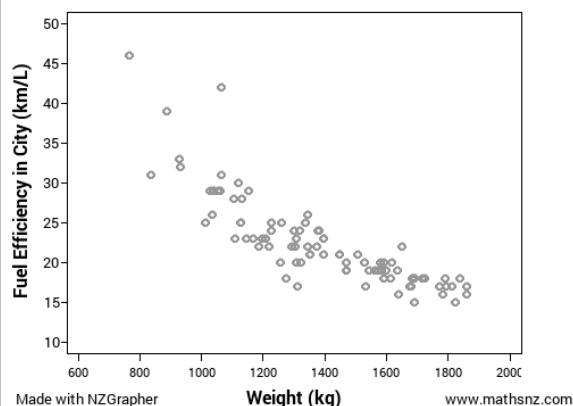
## Part 4.1: Trend

The first comment we need to make is about the trend. There are three statements we need to make about the trend.

- How strong the trend is: weak, moderate, strong (or somewhere in between),
- If the trend is positive or negative (does it go up or down) and
- Is the trend linear (most circumstances we look at – forming a straight line) or non-linear.

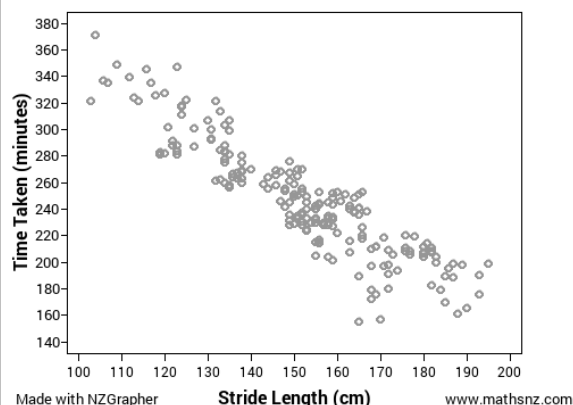
Write a trend statement for each of the datasets. Again the first one has been done for you.

**1. Fuel Efficiency by Weight**

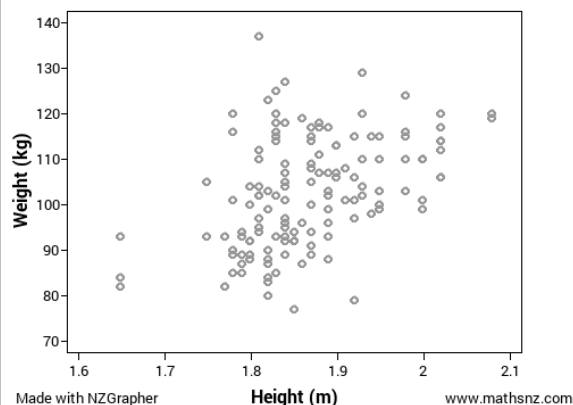


From the graph I can see a strong negative linear relationship between the weight of a car and the fuel efficiency of the car.

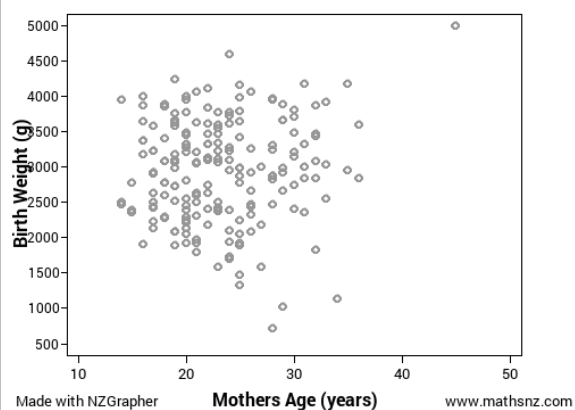
**2. Marathon Time by Stride Length**



**3. Rugby Players Weight by Height**



#### 4. Babies Birth Weight by Mother's Age



#### 5. Fuel Efficiency by Engine Size



#### 6. Diamond Price by Size

