

George and his friends (and their bet)

3 friends had a bet. George said he didn't believe that what you ate made any difference to how much weight you gained or lost, so he bet his friends that he could eat a really unhealthy breakfast each day and would not gain any more weight than they did.

The table below shows how much each of them weighed at the start of the year.

Name	George	Martin	Louis
Weight	70Kg	86Kg	77Kg

Each of them had different things for breakfast each day:

George had a fried breakfast with 2 slices of fried white bread, sausages, bacon, black pudding, fried egg, beans, mushrooms and tea with 3 sugars.

Martin had a bowl of cornflakes with semi-skimmed milk and 2 slices of wholemeal bread.

Louis had fruit and a glass of water.

Martin and Louis insisted that the investigation was done as a 'fair test'. Which FOUR of the things below were most important for all three of them to keep the same to make it a 'fair test'?

- How much exercise they did
- How often they went shopping
- How much each of their breakfasts weighed
- What sort of plate / bowl they ate their breakfasts from
- How much food they ate for the rest of the day
- What sort of food they ate for the rest of the day
- What time they went to bed
- How often they went to the dentist

They were weighed again at the end of the year.

Name	George	Martin	Louis
Weight	74Kg	94Kg	77Kg

Draw and complete this table to help you to see who won the bet

Name	George	Martin	Louis
Weight (start)	70Kg	86Kg	77Kg
Weight (end)	74Kg	94Kg	77Kg
Difference			

Draw a graph to show the results from your table

Extension

In fact George started to cheat in July by doing more exercise and eating all healthy meals except for breakfast.

Draw a line graph to show how his weight might have changed each month.