

Jacinta, the owner of a pharmacy, decided to clear her old stock of soap by having a sale. Until lunch time, all bars of soap were sold for £4 each and £176 worth were sold. After lunch, the price was dropped to £1.75 a bar and Jacinta sold twice as many bars as she did before her lunch break.

- How many bars of soap did Jacinta sell and for how much money?



At a family counselling session, each family was asked to work out a comparison between all of their ages. The Bodswell family were very surprised when they found out that the father was exactly 4 times as old as his son and one year older than his wife, whilst the daughter was one fifth the age of her mother and two years younger than her brother. They were 87 years old altogether!

- How old was each member of the Bodswell family?



On a camping trip in South America, Tearlach decided to collect as many spiders and flies as he could. When he caught one of the creatures, he put it in his perspex lunch-box. At the end of the camping trip, Tearlach counted exactly 100 legs inside the container. Not surprisingly, some of the flies had been eaten!

- If Tearlach ended up with twice as many flies as spiders, how many of each creature did he catch?

