

Firstly, I worked out the ratio between the adults and the children to find out how many of each I would need to make the total number of people equal the money earned. After this, I could work out how many pensioners to make the total up to 100.

Jun 13-13:07

The adults cost 250p more than £1 and the children cost 15p less. Then I divided the adults by the children. This gave me the fraction $\frac{50}{3}$. This is the ratio between the two: 3 adults and 50 children and this gives $3 \times 3.5 = 10.50$ and $50 \times 0.85 = 42.50$
 $10.50 + 42.50 = 53$. This means that 53 people cost £53.
 After this, you can add the 47 pensioners to give 100 people and £100.

Jun 13-13:18