

Forming Fractions

The questions below describe some 'everyday' situations. For each question, write down the fraction then try to cancel down the fraction you form to their 'lowest terms'.

- 1) Algernon is reducing his intake of saturated fats. A full butter croissant contains 6g of saturated fat and weighs about 72g. What fraction of the weight of the croissant is saturated fat?
- 2) A primary class has 30 pupils of whom 16 are girls. What fraction of the class is girls?
- 3) A 6th form group in a College are waiting for a health education talk about healthy eating. There are 12 young women and 10 young men in the group. What fraction of the group are young men?
- 4) The bus is late two mornings each (working) week of 5 days. What fraction of the time is the bus late?
- 5) In a factory, for each hundred window catches made, eight have defects.
- 6) Mr Corrigliano runs a successful ice cream business in Wolverhampton. One fine day he sells 300 items, and notices that 75 of these are ice lollies. What fraction of his sale that day were ice lollies?
- 7) Genowefa runs a general store and notices that she sells 120 magazines in Polish one week and 80 magazines in English in the same week. What fraction of the magazines sold in that week were in English?
- 8) A bus can hold 48 people sitting and 16 people standing. What fraction of the total capacity of the bus is for standing passengers?
- 9) You spend £2 and get 25p change. What fraction of the £2 have you got left?
- 10) In every 100 plastic mouldings made in a factory, 4 have a defect. What fraction of the mouldings does not have a defect?