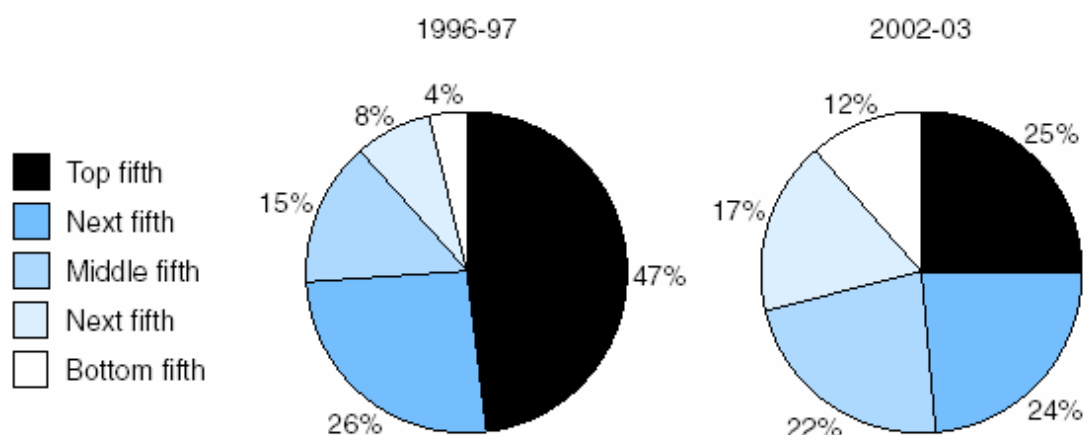


## Reading pie charts (Activity 8.9)



*Charts created by the author using data from the Family Expenditure Survey (Social Trends, 2002) and the Expenditure and Food Survey (ONS, 2004)*

**Figure 8.9** Pie charts showing ownership of mobile phones by different income bands

(Source: based on Office for National Statistics, 2002 and 2004h)

### Questions

- 1 In 1996/97 what percentage of mobile phone owning households were from the top fifth of household incomes?
- 2 In 1996/97 what percentage of mobile phone owning households were from the lowest fifth of household incomes?
- 3 Would it be true to say that in 1996/97 nearly three-quarters of the mobile phone owning households were in the highest earning 40 per cent of households?
- 4 Would it be true to say that in 1996/97 less than one-eighth of the mobile phone owning households were in the lowest earning 40 per cent?
- 5 Did the link between household income and mobile phone ownership change over the next six years? Write a sentence summarising the changes.
- 6 What is the source of the data here?

### References

Office for National Statistics (2002) 'Data for Chart 13.15, Ownership of mobile phones: by income quintile group, 1996–97 and 2000–01, Chapter 13 Lifestyles and social participation', Social Trends no. 32, p 218, [www.statistics.gov.uk/downloads](http://www.statistics.gov.uk/downloads) (accessed 20 July 2004).

Office for National Statistics (2004h) '9: Household characteristics & ownership of consumer durables: Table 9.4 Percentage of households with durable goods by income group and household composition', Family Spending, 2002–03, p. 155, [www.statistics.gov.uk/downloads](http://www.statistics.gov.uk/downloads) (accessed 20 July 2004).