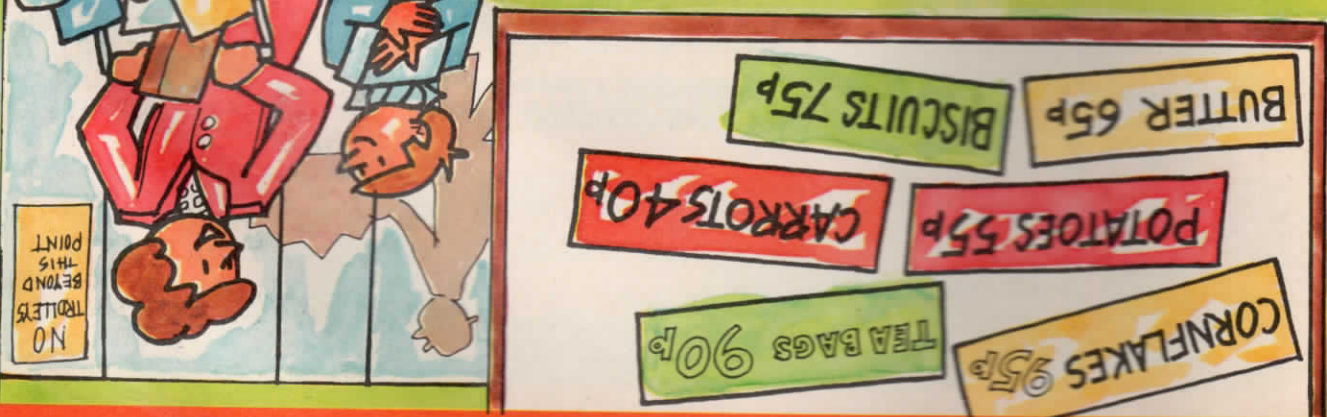


# At the shops



The supermarket window shows the prices of items some time ago. Since then, prices have gone up by 20%. We can find the increase in price and the new price like this:


Increase in price = 20% of 95p

$$= \frac{2}{10} \text{ of } 95\text{p}$$

$$= 19\text{p}$$

New price = 95p + 19p

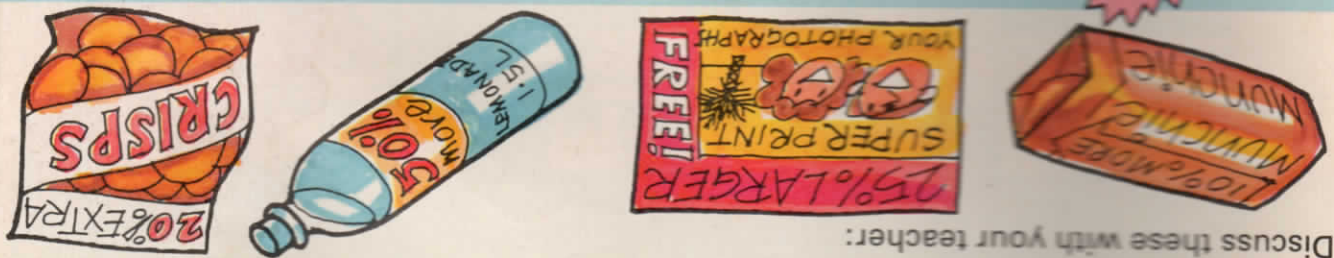
$$= \text{£}1.14$$



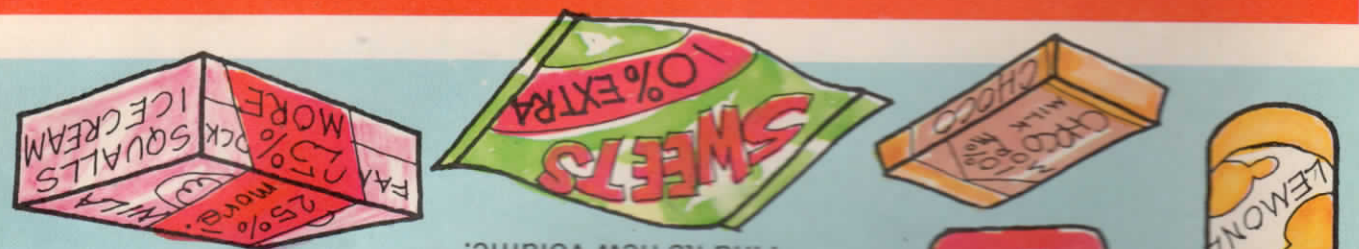
$$\begin{array}{r} 19 \\ 95 \\ \hline 114 \end{array}$$

1 For each of the other items, find (a) the increase in price and (b) the new price.

2 Discuss these with your teacher:



- 3 These labels show the percentage increases in weight or volume.
- (a) The choco used to weigh 50 g. Find its new weight.
  - (b) The lemonade bottle used to contain 1 litre. Find its new volume.
  - (c) The orange juice bottle used to contain 1 litre. Find its new volume.
  - (d) Before the special offer, the sweets weighed 250 g. What is the new weight?
  - (e) The ice-cream tub usually holds 500 ml. Find its new volume.



Ask your teacher what to do next.