

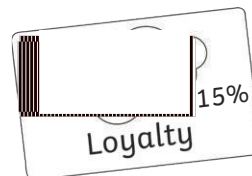
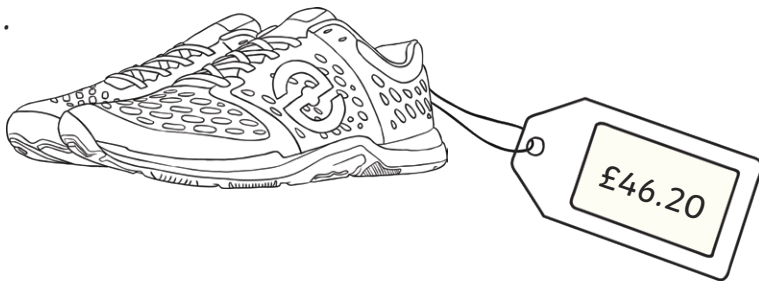
Finding Percentages of Amounts

For one day only, we've cut the prices of all our stock for Twinkl Loyalty Card owners! Each item is now only a percentage of its full price. The loyalty card next to each item shows the percentage of the full price that the item costs in the sale.

Top tip: Use your knowledge of calculating 10%, 5% and 1% as well as 50% and 25% to help you calculate the sale percentages. Eg 48% of £15.00 could be worked out the following way.

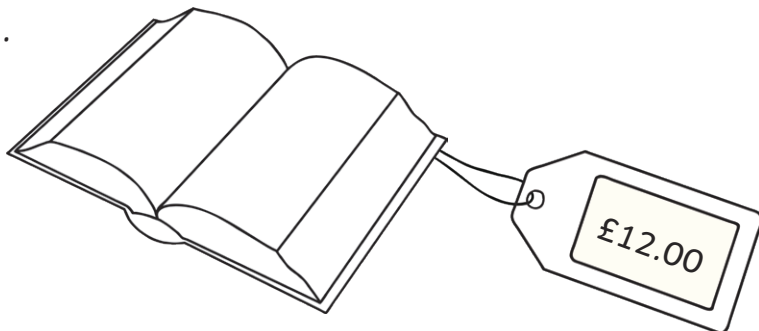
$$\begin{array}{r} 10\% = \text{£}1.50 \\ 5\% = \text{£}0.75 \\ 1\% = \text{£}0.15 \\ + 3\% = \text{£}0.45 \\ \hline 48\% = \text{£}7.20 \\ \hline 1 \end{array}$$

1.



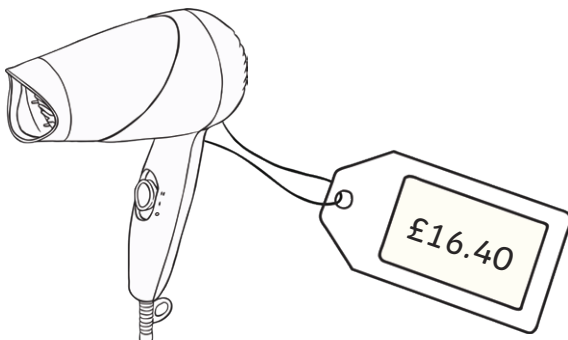
15% of price =

2.



27% of price =

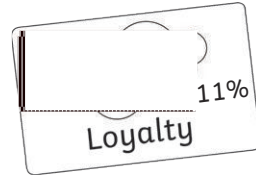
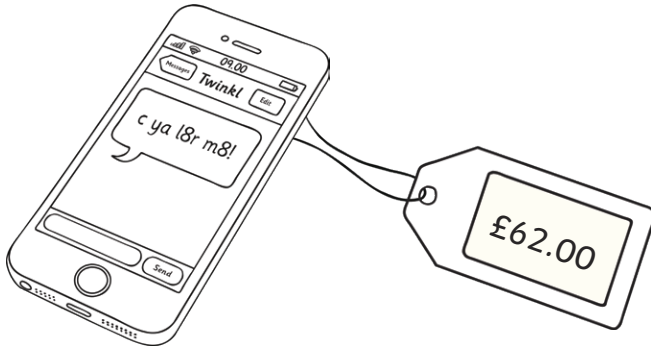
3.



55% of price =

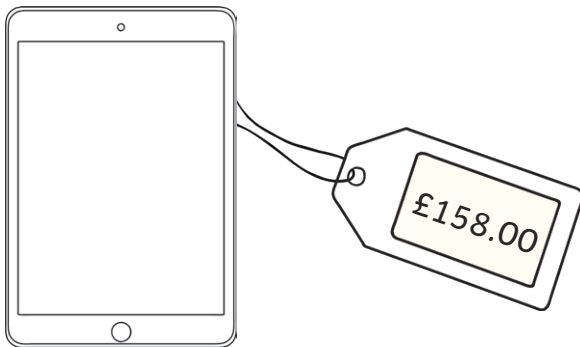
Finding Percentages of Amounts

4.



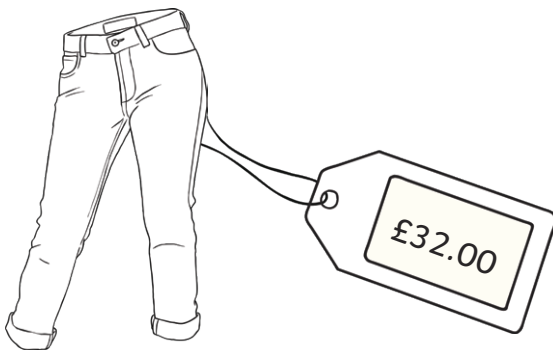
11% of price =

5.



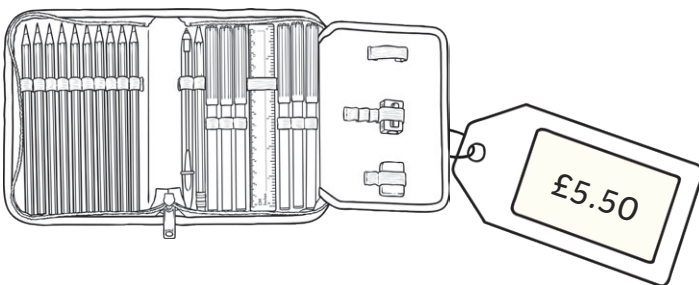
63% of price =

6.



43% of price =

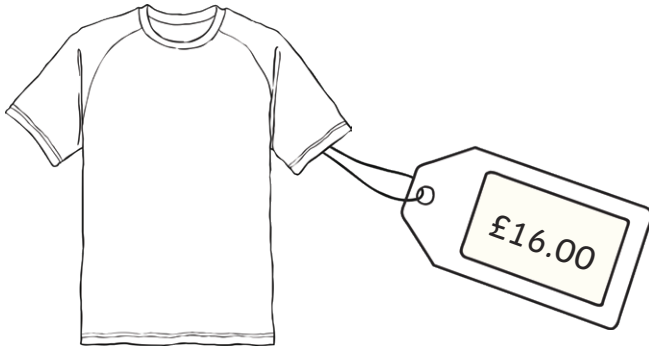
7.



88% of price =

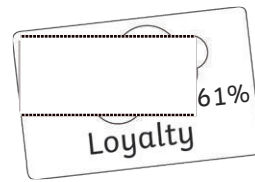
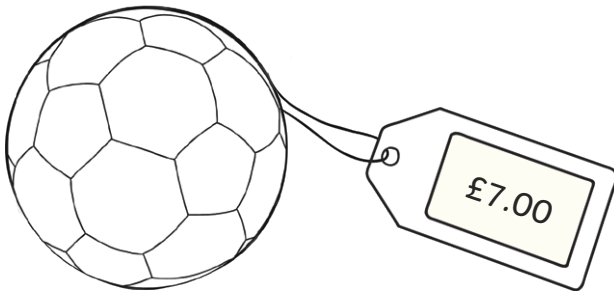
Finding Percentages of Amounts

8.



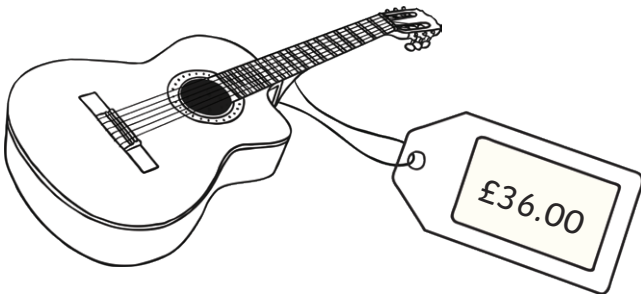
23% of price =

9.



61% of price =

10.



17.5% of price =

Challenge: Next week, all the standard prices will increase by the following percentages:

- The book, mobile phone, and jeans will increase by 10% on their full price.
- The trainers, pencil case and football will increase by 20% on their full price.
- The hairdryer, tablet, t-shirt and guitar will increase by 30% on their full price.

Can you work out what the new price for each item will be? (Hint: Find one tenth for 10%, double it for 20% and triple it for 30% and **add it to the full price.**)

Finding Percentages of Amounts **Answers**

	Item	Full Price	Sale Price	Challenge (+5% Price)
1.	Trainers	£46.20	15% = £6.93	+20% = £55.44
2.	Book	£12.00	27% = £3.24	+10% = £13.20
3.	Hairdryer	£16.40	55% = £9.02	+30% = £21.32
4.	Mobile phone	£62.00	11% = £6.82	+10% = £68.20
5.	Tablet	£158.00	63% = £99.54	+30% = £205.40
6.	Jeans	£32.00	43% = £13.76	+10% = £35.20
7.	Pencil case	£5.50	88% = £4.84	+20% = £6.60
8.	T-Shirt	£16.00	23% = £3.68	+30% = £20.80
9.	Football	£7.00	61% = £4.27	+20% = £8.40
10.	Guitar	£36.00	17.5% = £6.30	+30% = £46.80