

# Finding Percentages of Amounts

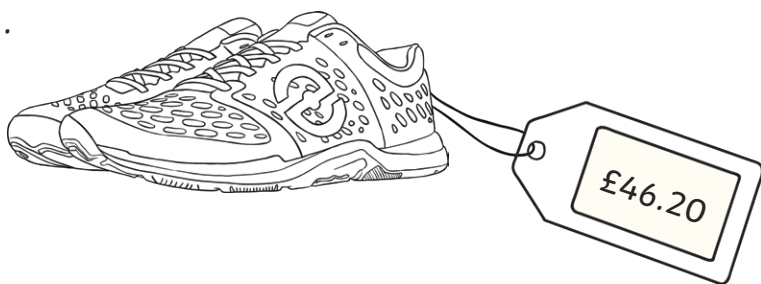
## Twinkl Department Store Sale!

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.

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

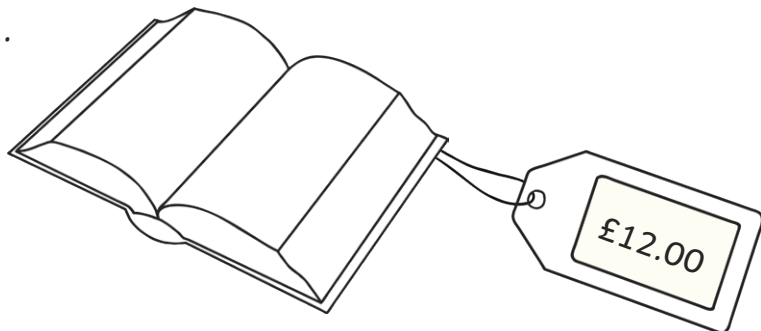
1.



15% of price =

\_\_\_\_\_

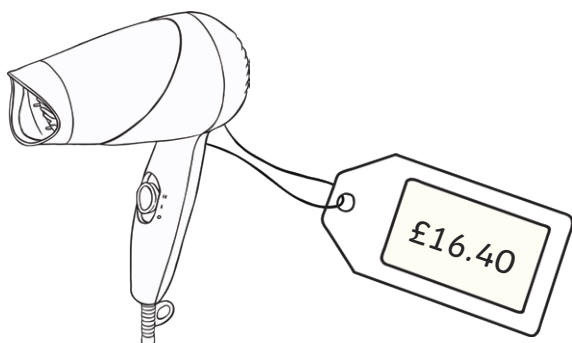
2.



27% of price =

\_\_\_\_\_

3.

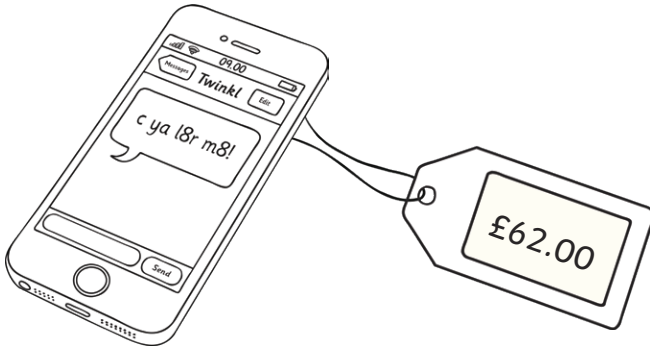


55% of price =

\_\_\_\_\_

# Finding Percentages of Amounts

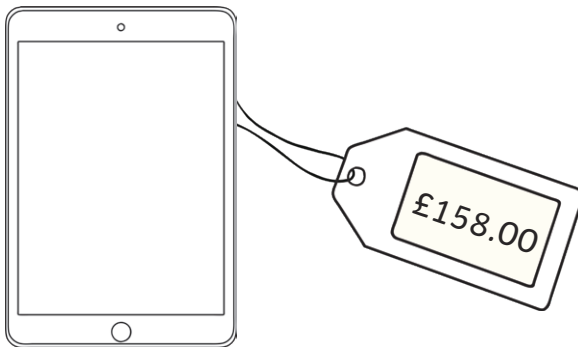
4.



11% of price =

\_\_\_\_\_

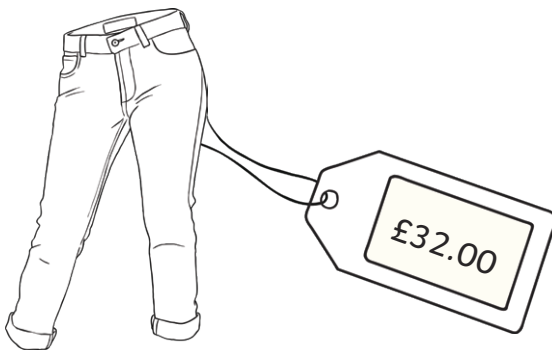
5.



63% of price =

\_\_\_\_\_

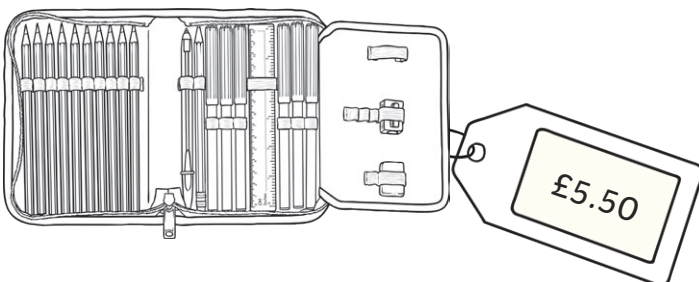
6.



43% of price =

\_\_\_\_\_

7.

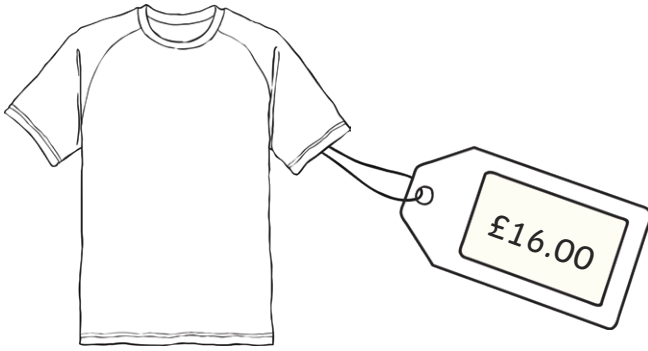


88% of price =

\_\_\_\_\_

## Finding Percentages of Amounts

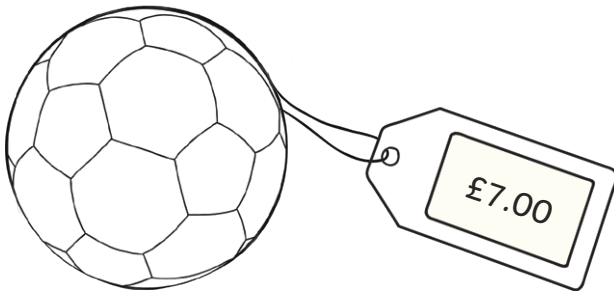
8.



23% of price =

\_\_\_\_\_

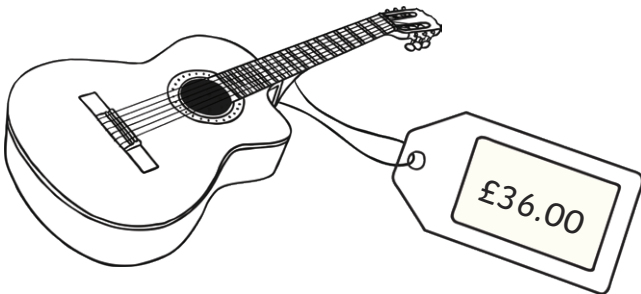
9.



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