## rcentages and prices



## olve problems involving percentages

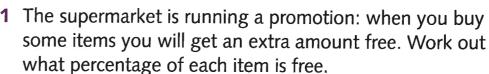
The sports shop is closing down. The manager decides to reduce all of the items in the shop by 10% of their current price each day for the last three days that they are open: Monday, Tuesday and Wednesday. The percentage reduction is worked out on the price of the previous day. The prices shown below are before they are reduced. What will be the cost of each item on Wednesday?

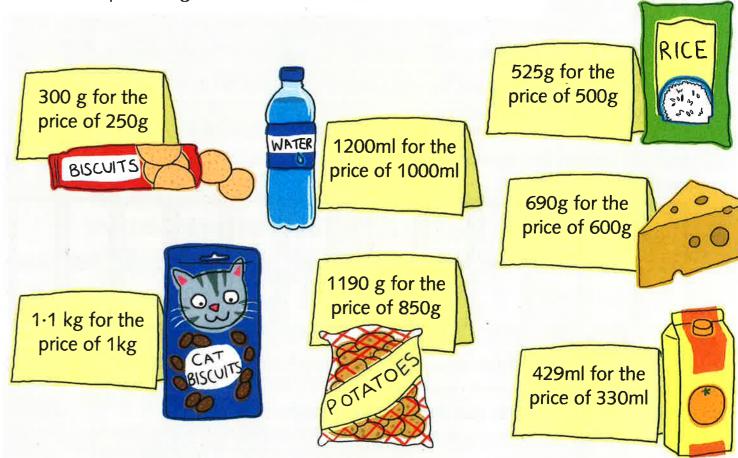


1 The computer shop has a New Year sale, starting 1st January, for just 3 days. The manager reduces the prices by 10% each day. The percentage reduction is worked out on the price of the previous day. The prices shown below are before they are reduced. What will the prices be on 3 January?



- 2 Would you rather buy the laptop on 2 January, or on 1 January with a 20% discount? Compare the prices and explain your reasons.
- 3 Would you rather buy the camera on 3 January, or on 1 January with a 28% discount? Compare the prices and explain your reasons.





- 2 Imagine you are a shop owner and want to sell all of your stock.
  - How much will you reduce it by?
  - Will you keep the same price each day or will you change it?
  - Write a report about what you would do, explaining your reasoning and giving at least three worked examples.

