

N4 Applications of Maths – Percentage Increase/Decrease

1. The local sports shop is having a sale and offering the **reductions** shown in the diagrams.

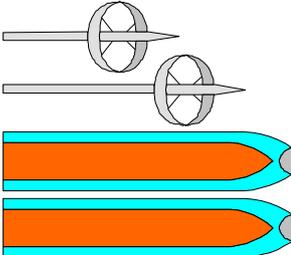
Calculate the 'sale' price of each item.

(a) 

Badminton Racquet:	£30
Discount:	20%

(b) 

Ice Skates:	£45
Discount:	10%

(c) 

Skis:	£256
Discount:	25%

2. A packet of crisps weighs 30g. Special offer packs give 40% extra free.

- What weight of crisps do you get extra?
- What is the new weight of a special offer pack?



- £600 is put in a bank. Through interest it increases by 5% per year. How much is it worth after 1 year?
- A season ticket for Manchester United costs £700. Its price is set to increase by 10%. How much would it cost next season?
- A town had a population of 32,000. In one year the population dropped by 25%. How many people were left in the town?