

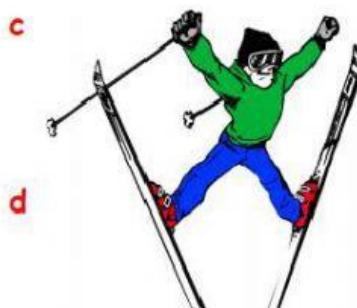
## 1. Find the following using a calculator :-

a 13% of £1500	b 72% of 520 km	c 28% of £50.50
d 81% of 420 ml	e 22.5% of 120 kg	f 33% of 480 mm
g 79% of £60	h 14% of 120 cm	i 60% of 12 000 km
j 18% of 7 cm	k $66\frac{2}{3}\%$ of 28.5 km	l 23% of £0.25 million
m 101% of £800	n 125% of 150 km	o 150% of £5.

2. a On red nose day, 24% of pupils at Clydebank High wore a red nose.  
If there were 1400 pupils, how many wore a red nose ?



b 43% of 1600 people asked in a survey preferred cats rather than dogs.  
How many people in the survey preferred cats ?



c There were 5850 people using a ski slope yesterday.  
32% of them had never been skiing before.  
How many had never been skiing before ?

d The cost of using the ski slope was £45 per day.  
A 12% discount was given yesterday.  
How much money was taken off the price yesterday ?

e Salters Suits give a 37% discount on a £680 suit.  
How much would I have to pay for the suit ?



f Jake weighed 87 kg and wanted to lose 8%.  
How much did Jake want to weigh ?

3. a Zara, who weighed 70 kg, found that after training for a Marathon her weight had dropped by 13%.

(i) By how much had Zara's weight dropped ?  
(ii) How much does Zara weigh now ?

b Zara's last Marathon time was exactly 3 hours. She wanted to beat this time by at least 10%.

What time did she want to achieve in this Marathon ?



5. a Peter poured 12 litres of juice into a large punch bowl for his **Save The Children** fundraising party.

After the party there was only 8% of the juice left.  
How many millilitres had been drunk at the party ?



b Peter beat last year's total (£1850) by 18%.  
How much money did he raise this year ?

6.



Shop A had a football strip priced at £70 but had a 12% discount sticker.

Shop B had the strip marked £75 but with a 21% discount sticker.

Which shop had the cheaper football strip ? (Explain).

7. Two flats each cost £80000.

A year later Flat 1 had an increased valuation at 12%.

Flat 2 had its value decreased by 9%.

a What profit will Flat 1 make on its property ?  
b What is the difference between the two Flats' prices now ?

