

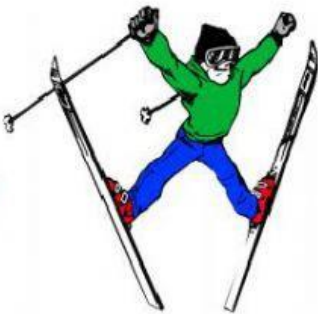
1. Find the following using a calculator :-

- | | | |
|-----------------|--------------------------------|------------------------|
| 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 Clydebanks 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 ?

