

Year 6: NUMBER - Fractions (including decimals and percentages)

Solve problems involving percentage

- 1) **35%** of the crisps in a shop are salt and vinegar. There are **100** packets of crisps. How many packets of salt and vinegar crisps are there?
- 2) **73%** of **500** children go to school by car. How many children go to school by car?
- 3) There is **25%** off in a sale. How much is knocked off a game which cost **£48** before the sale?
- 4) What is **20%** of **£4.80**?
- 5) Which is more: a) **75%** of **300** or b) **30%** of **800**? Explain how you know.
- 6) A basketball team played **30** games. They won **70%** of the games. How many games did they lose?

<u>Cupcake Cafe</u>		
coffee - £1.60	sandwiches - £1.20	cakes - £1.00

- 7) The cafe decided to give **25%** of its takings to charity. How much would go to charity if the cafe sold one coffee, one sandwich and one cake?
- 8) The cafe sold **10** coffees and **8** sandwiches. It gave **£6.90** to charity altogether. How many cakes must it also have sold?