

# Finding Fractions. Ω

TARGET: to find fractions of whole numbers.

1. In a bag of marbles, there are 86 marbles.  $\frac{1}{2}$  are blue. How many blue marbles are there?
2. On a bus there are 124 passengers.  $\frac{1}{2}$  are children. How many children are there?
3. I win £36 on the lottery, but give  $\frac{1}{3}$  away - how much do I give away?
4. In the classroom there are 45 children.  $\frac{1}{3}$  like maths. How many children like maths?
5. I threw away 148 Kg of rubbish, but recycled  $\frac{1}{4}$  of it. How much rubbish did I recycle?
6. A shark chases 244 fish, and eats  $\frac{3}{4}$  of them - how many does it eat?
7. There is 60ml of pop in my bottle, but I spill  $\frac{2}{3}$  of it - how much do I spill?
8. I am reading a book which is 55 pages long. I have read  $\frac{2}{5}$  of it. How many pages have I read?
9. I ate 24 smarties, which was  $\frac{1}{4}$  of the packet. How many were in the packet to start with?
10. I spent 40p on a comic, which was  $\frac{1}{3}$  of my pocket money. How much have I got left?



Can you write story problems for these sums, and then work out the answers?

a)  $\frac{1}{2}$  of 126.

b)  $\frac{1}{3}$  of 27.

c)  $\frac{1}{4}$  of 164.