

Finding Fractions.

Can I find fractions of whole numbers?

1. In a bag of marbles, there are 86 marbles. $\frac{20}{40}$ are blue. How many blue marbles are there?
2. On a bus there are 124 passengers. $\frac{30}{60}$ are children. How many children are there?
3. I win £36 on the lottery, but give $\frac{4}{12}$ away - how much do I give away?
4. In the classroom there are 45 children. $\frac{3}{9}$ like maths. How many children like maths?
5. I threw away 148 Kg of rubbish, but recycled $\frac{15}{60}$ of it. How much rubbish did I recycle?
6. A shark chases 244 fish, and eats $\frac{15}{20}$ of them - how many does it eat?
7. There is 60ml of pop in my bottle, but I spill $\frac{20}{30}$ of it - how much do I spill?
8. I am reading a book which is 55 pages long. I have read $\frac{14}{35}$ of it. How many pages have I read?
9. I ate 24 smarties, which was $\frac{3}{12}$ of the packet. How many were in the packet to start with?
10. I spent 40p on a comic, which was $\frac{9}{27}$ 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.