

Finding Fractions.

Can I find fractions of whole numbers?

1. In a bag of marbles, there are 88 marbles. $\frac{6}{22}$ are blue. How many blue marbles are there?
2. On a bus there are 124 passengers. $\frac{9}{12}$ are adults. How many children are there?
3. I win £36 on the lottery, but give $\frac{4}{9}$ away - how much do I keep?
4. In the classroom there are 45 children. $\frac{3}{9}$ like maths. How many children don't like maths?
5. I threw away 148 Kg of rubbish, but recycled $\frac{17}{68}$ of it. How much rubbish did I not recycle?
6. A shark chases 245 fish, and eats $\frac{20}{25}$ of them - how many get away?
7. There is 360ml of pop in my bottle, but I spill $\frac{24}{40}$ of it - how much is left in the bottle?
8. I am reading a book which is 55 pages long. I have read $\frac{14}{35}$ of it. How many pages do I have left to 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) $\frac{2}{3}$ of 126.

b) $\frac{4}{9}$ of 27.

c) $\frac{3}{4}$ of 164.