Finding Fractions.

I am learning to recognise and use fractions as numbers.

1. In a bag of marbles, there are 46 marbles. ½ are blue. How many blue marbles are there?

2. On a bus there are 82 passengers. ½ are children. How many children are there?

3. I win £21 on the lottery, but give 1/3 away – how much do I give away?

4. In the classroom there are 36 children. 1/3 like maths. How many children like maths?

5. I threw away 44 Kg of rubbish, but recycled 1/4 of it. How much rubbish did I recycle?

6. A shark chases 32 fish, and eats 1/4 of them – how many does it eat?

7. There is 35ml of pop in my bottle, but I spill 1/5 of it – how much do I spill?

8. I am reading a book which is 60 pages long. I have read 1/5 of it. How many pages have I read?

9. I ate 12 smarties, which was ¼ of the packet. How many were in the packet to start with?

10. I spent 20p on a comic, which was 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) ½ of 36.   b) 1/3 of 27.   c) ¼ of 120.