

**L.O. To be able to find fractions of a shape and quantity (deepening).**

SC1 – I can find  $\frac{1}{2}$  and  $\frac{2}{4}$

SC2 – I can find  $\frac{1}{4}$

SC3 – I can find  $\frac{3}{4}$

SC4 – I can find  $\frac{1}{3}$

1. In a bag of marbles, there are 12 marbles.  $\frac{1}{2}$  are blue. How many blue marbles are there?
2. On a bus there are 16 passengers.  $\frac{1}{2}$  are children. How many children are there?
3. I win £9 on the lottery, but give  $\frac{1}{3}$  away - how much do I give away?
4. In the classroom there are 15 children.  $\frac{1}{3}$  like maths. How many children like maths?
5. I threw away 20 Kg of rubbish, but recycled  $\frac{1}{4}$  of it. How much rubbish did I recycle?
6. A shark chases 24 fish, and eats  $\frac{1}{4}$  of them - how many does it eat?
7. There is 15ml of pop in my bottle, but I spill  $\frac{1}{3}$  of it - how much do I spill?
8. I am reading a comic which is 24 pages long. I have read  $\frac{2}{4}$  of it. How many pages have I read?
9. I had 28 smarties, but ate  $\frac{1}{4}$  of them. How many smarties are left?
10. I had 21p but spent  $\frac{1}{3}$  on a comic, 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 14.

b)  $\frac{1}{3}$  of 12.

c)  $\frac{1}{4}$  of 12.