

Wednesday 3<sup>rd</sup> February

WALT: find fractions of amounts

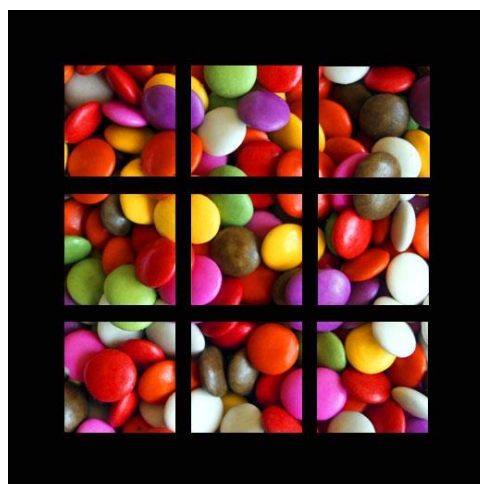
This link might help you

<https://www.bbc.co.uk/bitesize/articles/zdrbcqt>

Choose from the 3 options depending on confidence (A easier-C harder)

You only have to complete one set of questions.

1. In a bag of marbles, there are 46 marbles.  $\frac{1}{2}$  are blue. How many blue marbles are there?
2. On a bus there are 82 passengers.  $\frac{1}{2}$  are children. How many children are there?
3. I win £21 on the lottery, but give  $\frac{1}{3}$  away - how much do I give away?
4. In the classroom there are 36 children.  $\frac{1}{3}$  like maths. How many children like maths?
5. I threw away 44 Kg of rubbish, but recycled  $\frac{1}{4}$  of it. How much rubbish did I recycle?
6. A shark chases 32 fish, and eats  $\frac{1}{4}$  of them - how many does it eat?
7. There is 35ml of pop in my bottle, but I spill  $\frac{1}{5}$  of it - how much do I spill?
8. I am reading a book which is 60 pages long. I have read  $\frac{1}{5}$  of it. How many pages have I read?
9. I ate 12 smarties, which was  $\frac{1}{4}$  of the packet. How many were in the packet to start with?
10. I spent 20p 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 36.

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

c)  $\frac{1}{4}$  of 120.