



# A Fraction of the Problem 1



1. I had a bunch of grapes, I gave half to Lucy, and a quarter to John.  
What fraction of the bunch do I have left?

If there were 48 grapes in the bunch, how many grapes can I eat?

2. I had a collection of 20 Pokemon cards but I gave half Jim because he didn't have any.

How many have I given to Jim?

How many cards do I have left?

Jim gave me half of his cards back, how many do I have now?

3. A fruit pie has been divided into 16 equal slices. Jane eats  $\frac{1}{8}$  of the pie, and Garry eats  $\frac{1}{4}$  of the pie, how many slices have they eaten?

4. 10 Pharaohs decide to split their treasure equally. They have 50 pieces of treasure? How many pieces of treasure will each get?

What fraction of the whole treasure is this?

5. If  $\frac{1}{3}$  of the marbles in a jar are red, and  $\frac{1}{4}$  are green.  
If there are 60 marbles how many are red?

How many are green?



# A Fraction of the Problem 2



1. A large chocolate cake weighs 600g. I cut a slice that is  $\frac{1}{4}$  of the cake, how much does this weigh?

What fraction of the cake is left?

2. In the school tuck shop, Mars bars cost 30p, Lion bars cost 28p and Crisps cost 22p. There is a half price sale and I want a Mars bar, and a packet of crisps, how much money do I need?

3. I had £3, I spent half of my money on jelly beans and one third on cola bottles. How much money did I spend on each type of sweet?

- Jelly beans
- 
- Cola bottles

How much change do I get?

What fraction of £3 is the change?

4. There are 20 coins in my pocket. Five of them are 50 p pieces. What fraction of the coins are 50p pieces.

If the total value of coins I have is £5, what fraction of my money is in 50p pieces?

5. I get 75p pocket money each week, but my little sister only gets a third of that. How much does my sister get?