

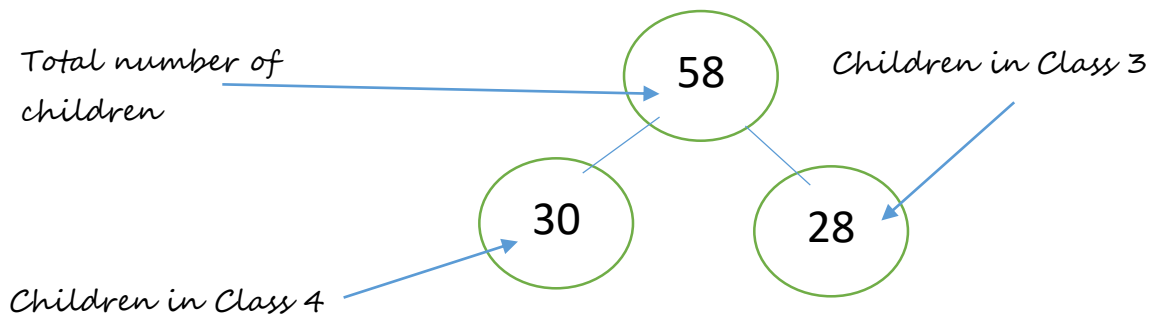
Activity 1 Part-part wholes

Understanding questions and word problems in Maths is a really important skill. Understanding the question being asked helps us to see what calculations we need to do to solve the problem.

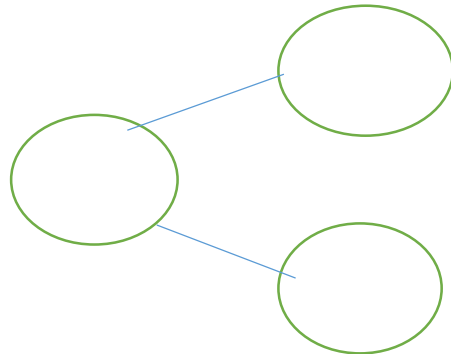
Here are some questions and word problems with a difference – you have been given ALL the numbers you need (including the ‘answers’!). **Your challenge is to put each number in the right place on the part-part-whole and bar models, and label each part of the diagram,** to show you understand the problem and how the numbers relate to each other.

The first one has been done for you, as an example.

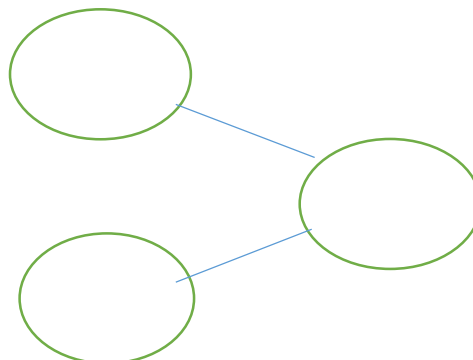
1. There are 30 children in Class 4 and 28 children in Class 3. Altogether there are 58 children in the two classes.



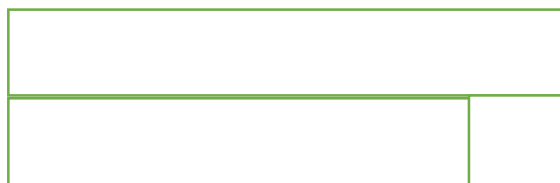
2. On Monday Mrs. Webb cooks 185 lunches and on Tuesday she cooks 143. Altogether she cooks 328 lunches.



3. Mrs. Andrews has 427 dojo messages. She answers 285 before lunch, and 142 after lunch, so they are all answered.



4. Ms. Bandey has 96 tadpoles in her pond. 87 of them turn in to frogs. 9 are still tadpoles.



5. For my birthday, I am given £100 and I already have £50, so now I have £150. I spend £75 and have £75 left. (*Hint – think really carefully about the size of each bar.*)



For these questions you will need to draw your own bar or part-part-whole

6. I go to the sweet shop and buy 104 sweets altogether. I buy 40 cola bottles, 26 flying saucers and 38 jelly babies.

7. In my bank account I have £400 and I save £100 more, so now I have £500. Then I spend £250, leaving me with £250 in my bank account. (*Hint – look at Q. 5*)

For the final question, you need to write your own story that could match this part-part-whole. Remember to make the numbers fit the sizes of the bars!

