

Bar Model Problem - Example

SET 5

ACTIVITY 1 - GIRLS SAVING MONEY

Vicki saved £41. Sarah saved £13 less than Vicki and £9 more than Maria.



How much money did they save altogether?



Draw bars to represent what you know. Can you see how the values that you want to find out relate to the values that you know?

Can you see what you need to do?

When you have drawn the bars, you can easily calculate how much Maria has saved, because we know what Vicki saved.

Then you will have all the pieces of the puzzle and it is simple to work out the answer to the question.

MA02744



This shows you how to solve this type of problem using a bar model:

Vicki £41		
Sarah £28		£13
Maria £19	£9	

$$£41 + £28 + £19 = £88$$

They saved £88 altogether.

Bar model problem to try

Now solve this problem using the **bar model** approach.

SET 5

ACTIVITY 2 - TOY ANIMALS

Ricky has 18 toy animals. Jack has 11 more toy animals than Ricky and 26 more toy animals than Ali.



How many toy animals do they have altogether?

HINT

Draw bars to represent what you know. Can you see how the values that you want to find out relate to the values that you know?

Can you see what you need to do? Write down what you can see or work out from the bar model. For example:

- How many does Jack have?
- How many does Ali have?

(If you can answer these 2 questions, you can answer the main question.)