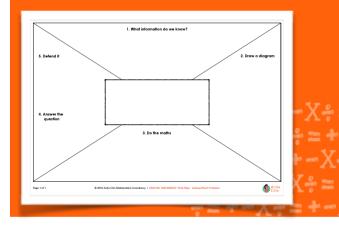
# Graphic Organiser: Think Map

(solving word problems using the Bar Model Method)

### Contents

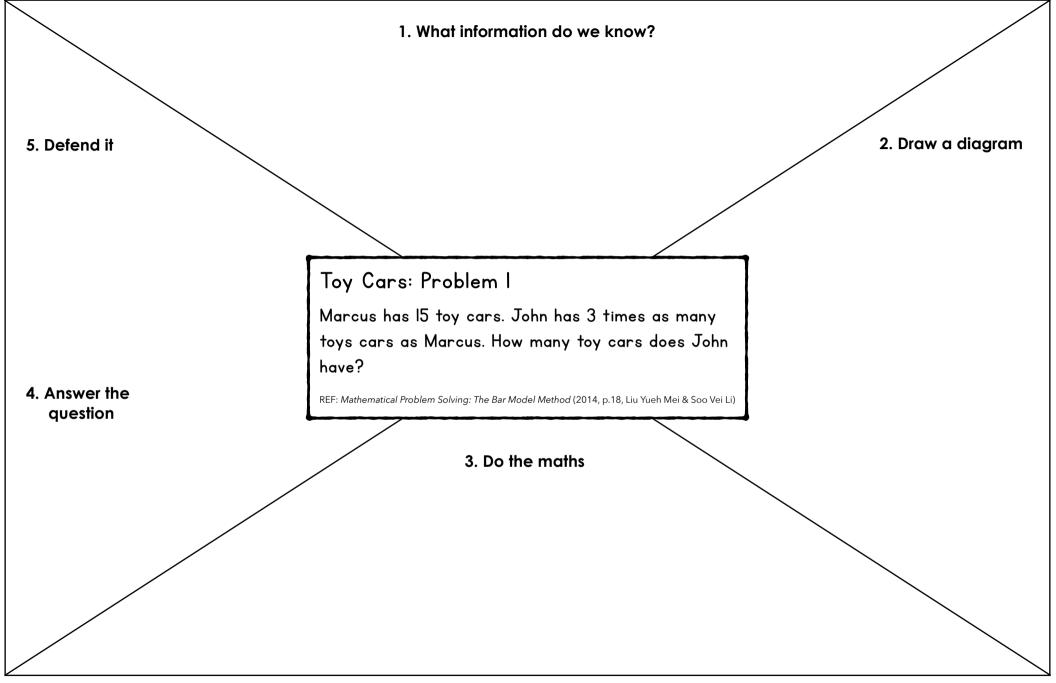
Toy Cars Problem 1 - task Yr 4 (ACMNA076, MA2-6NA)
Toy Cars Problem 1 - solutions
Toy Cars Problem 2 - task Yr 4 (ACMNA076, MA2-6NA)
Toy Cars Problem 2 - solutions
Toy Cars Problem 3 - task Yr 4 (ACMNA076, MA2-6NA)
Toy Cars Problem 3 - solutions
Think Map - template
Teacher resources - the Bar Model Method



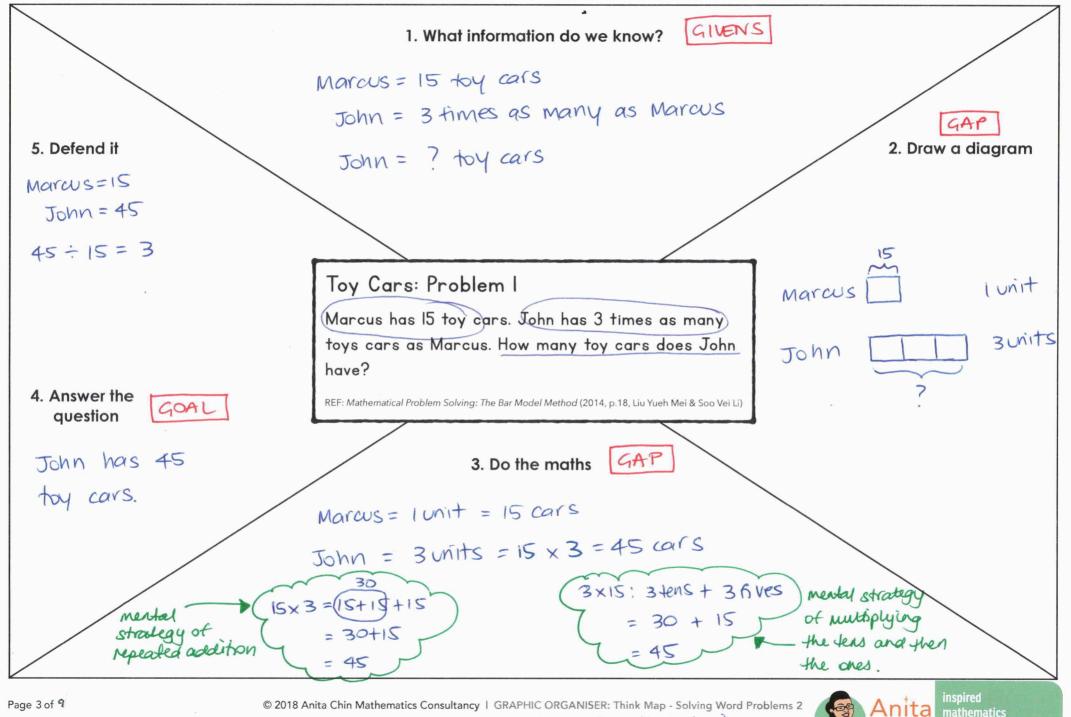


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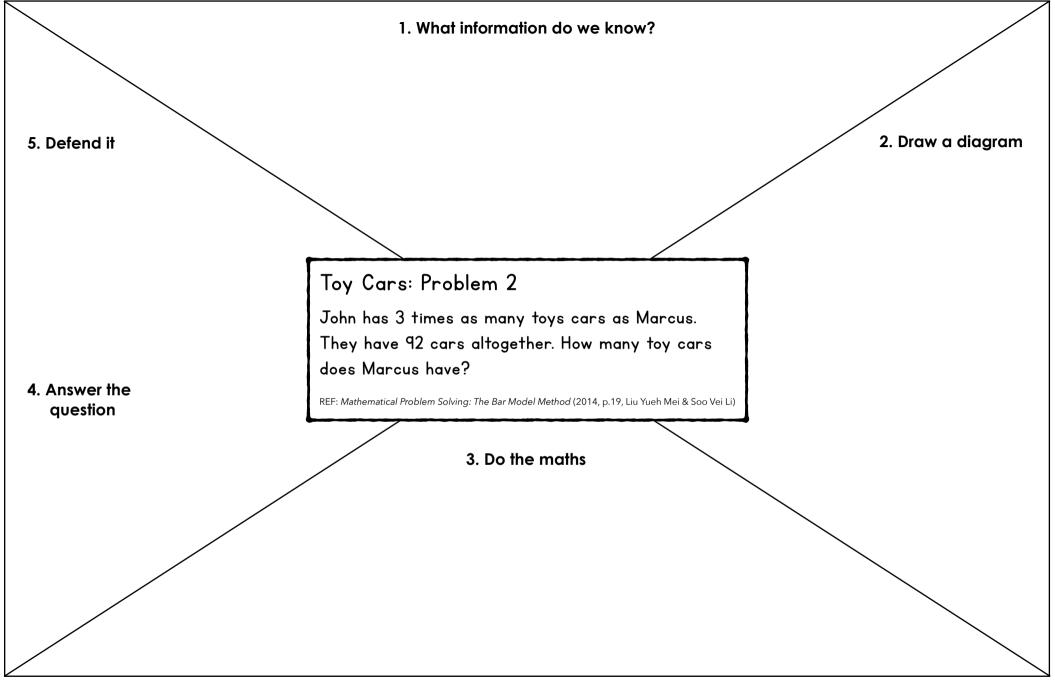




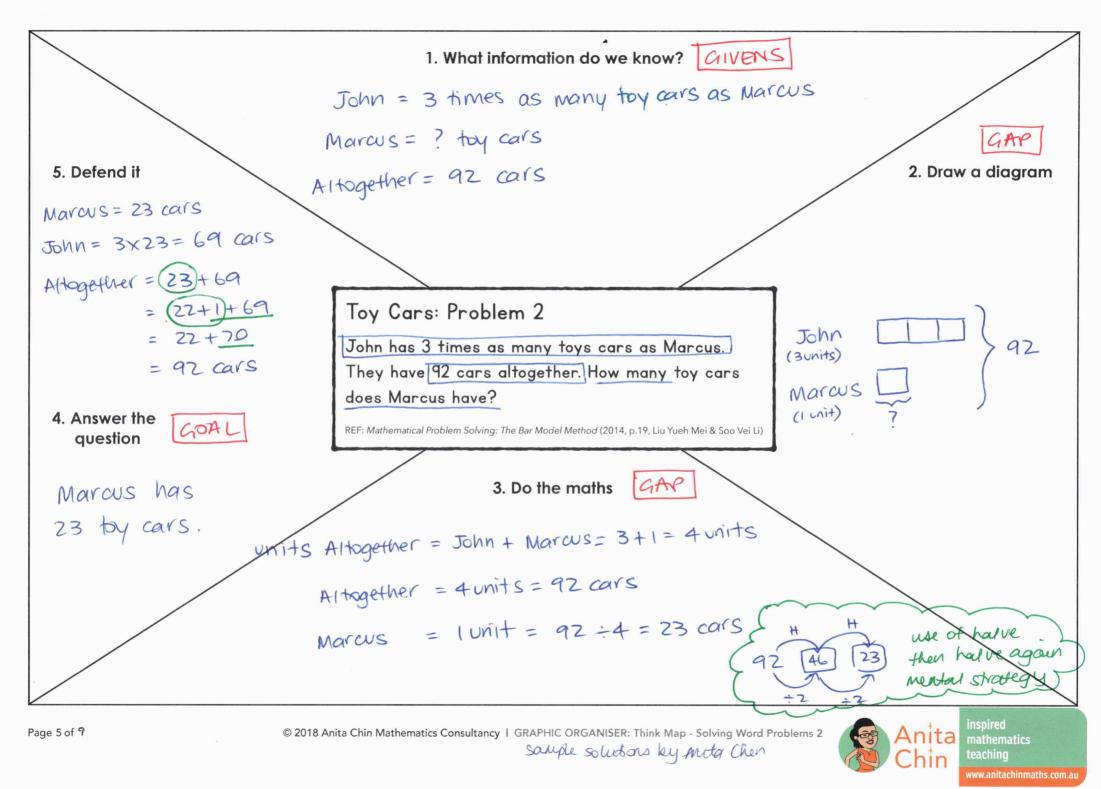
sample solutions by Artta chin

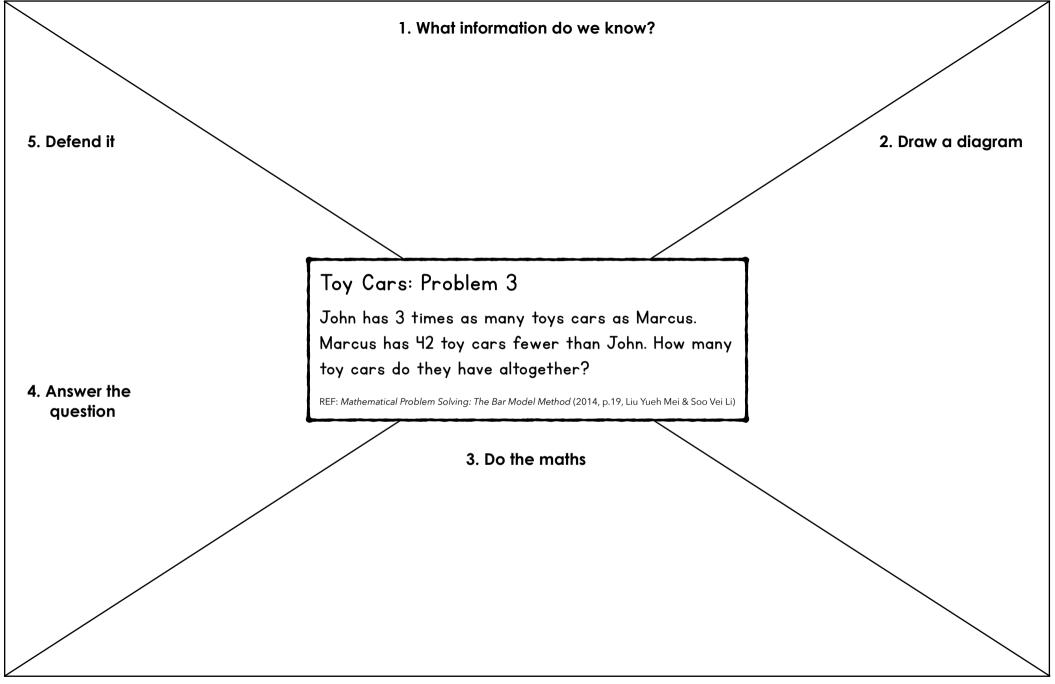
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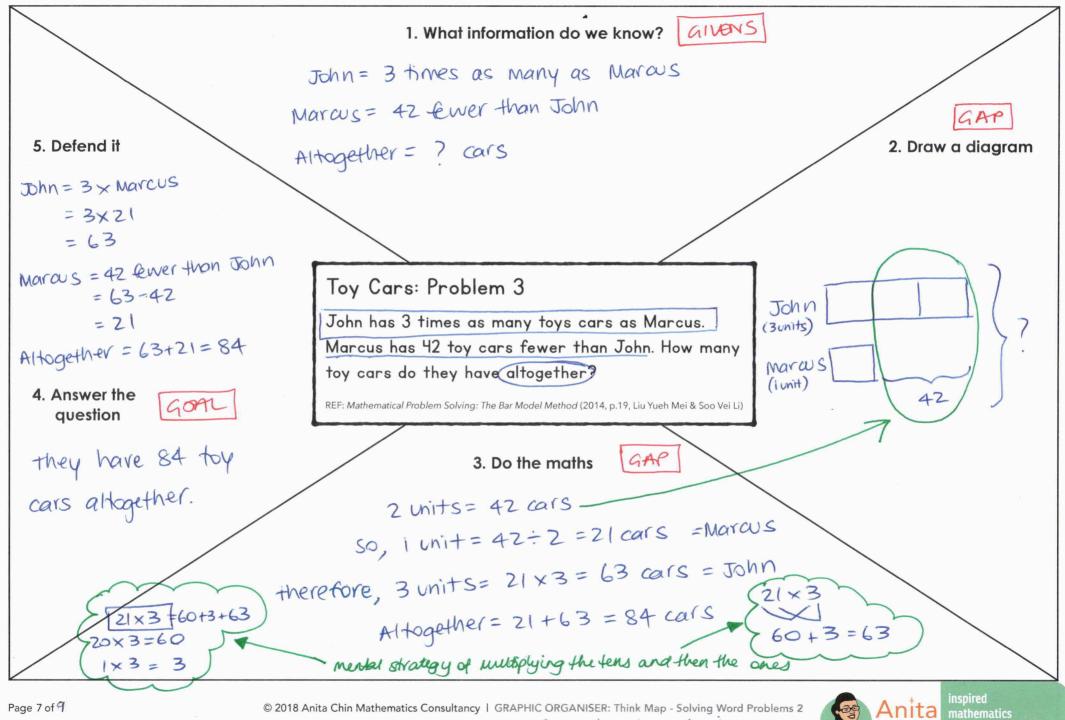






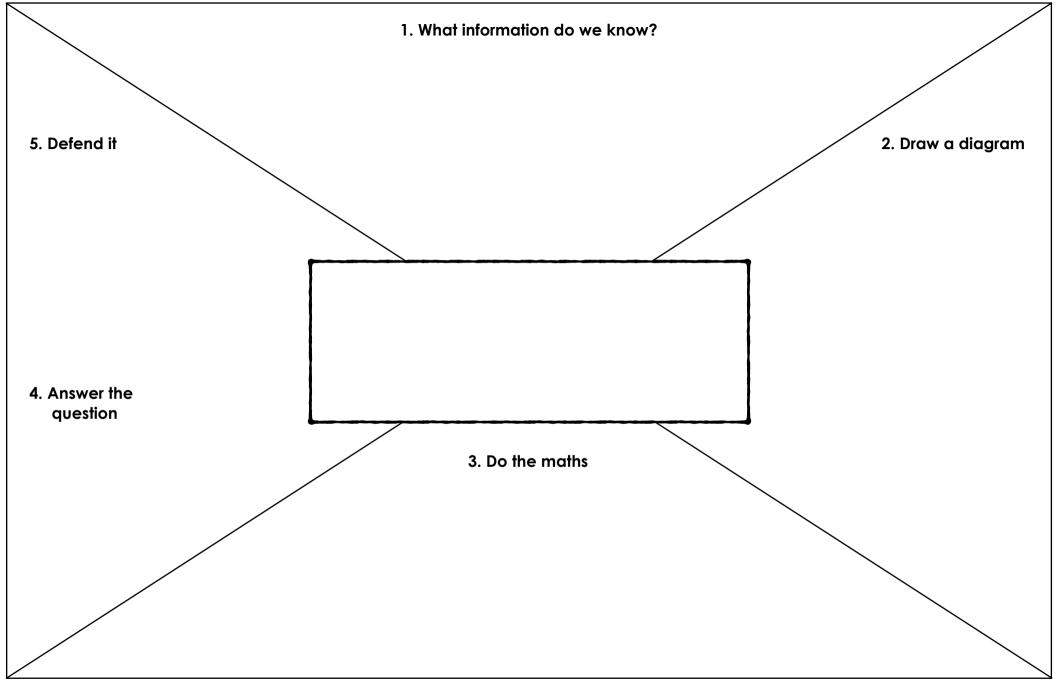






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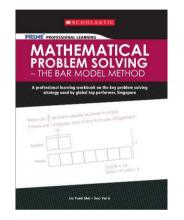




## Teacher resources: The Bar Model Method

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### Teacher reference book



#### Yueh, M.L & Soo, V.L (2014). *Mathematical problem solving: The Bar Model Method.* Singapore: Scholastic Education International.

The Bar Model Method is a key problem solving strategy consistently taught to primary school students in Singapore. It enables students to understand, visualise and represent conceptually complex problems and their solutions elegantly, and in doing so, further reinforces and builds students conceptual and procedural knowledge, making them more effective problem solvers.

I've had the privilege of seeing Vei Li present at the 2015 AAMT conference in Adelaide and from that moment on, I fell in love with the elegance of the Bar Model Method!

## Classroom equipment



#### Connecting Cubes, 2 cm Small group set Yr 3-6

It contains 10 'loose blocks' of the one colour, connected to make 'towers of 10'. 10 different coloured towers are then placed into a snap lock bag (22 x 25) cm to make a 'bag of 100' blocks.



#### Connecting Cubes, 2 cm Class Kit K-6

It contains 10 'bags of 100' blocks to make a 'tub of 1000' blocks. Stored in a 12 L clear tub with a clip-on lid.

For further details visit the Resources page of my website at www.anitachinmaths.com.au/resources

