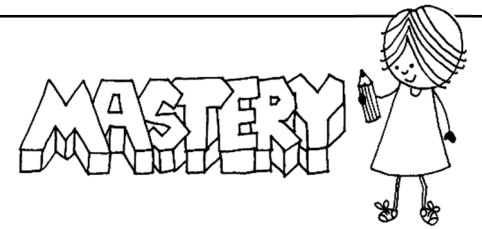


## Using Bar Modelling to Solve Word Problems

KS1



- 1** Bobbi had 12 teddy bears and then Sarah gave her 16 more bears. How many bears did she have altogether at the end?



- 2** Marcus started the year with 37 colouring pencils in his pencil case. By Christmas, he had lost 15 of them. How many colouring pencils did he have left?



- 3** Class 2D kept their scissors in scissor holders. There were 5 pairs of scissors in each holder and altogether there were 4 holders in the room. How many pairs of scissors were there?

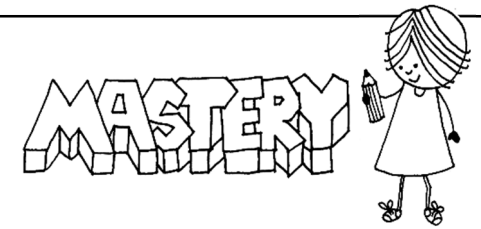


- 4** A teacher shared out 30 house points equally between the 5 children in 'Dragon' house. How many house points did each child get?

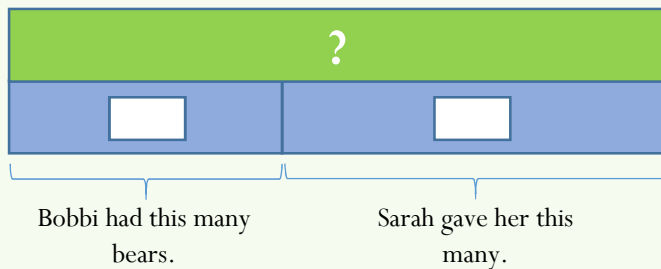


## Using Bar Modelling to Solve Word Problems

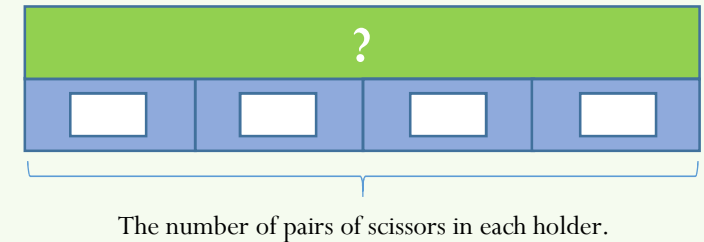
### KS1 – With Scaffolding



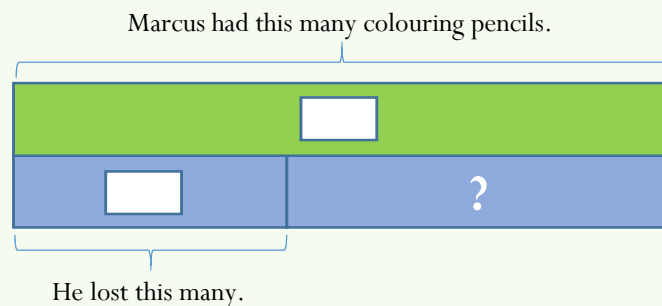
- 1** Bobbi had 12 teddy bears and then Sarah gave her 16 more bears. How many bears did she have altogether at the end?



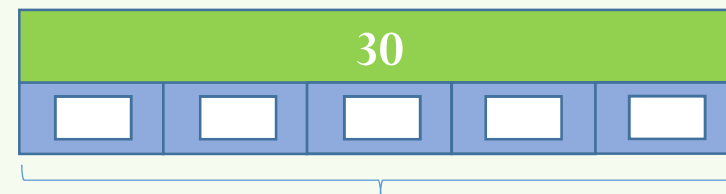
- 3** Class 2D kept their scissors in scissor holders. There were 5 pairs of scissors in each holder and altogether there were 4 holders in the room. How many pairs of scissors were there?



- 2** Marcus started the year with 37 colouring pencils in his pencil case. By Christmas, he had lost 15 of them. How many colouring pencils did he have left?

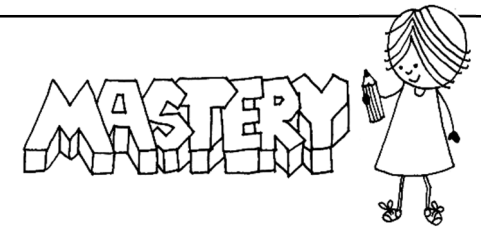


- 4** A teacher shared out 30 house points equally between the 5 children in 'Dragon' house. How many house points did each child get?

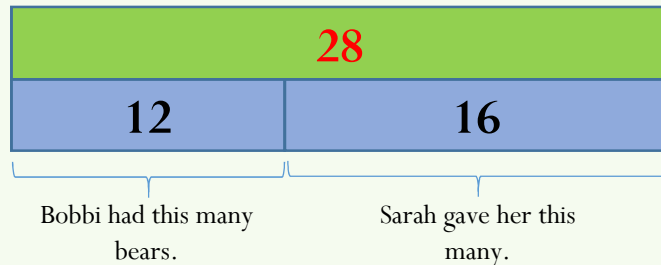


## Using Bar Modelling to Solve Word Problems

### KS1 – Answers

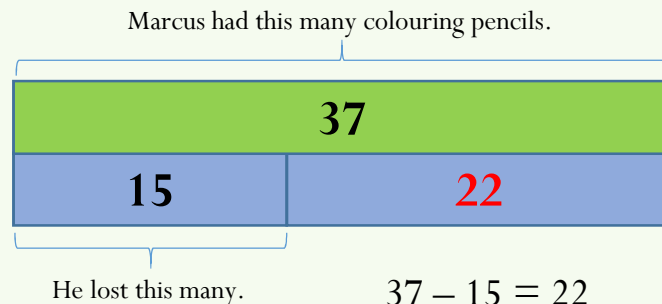


- 1** Bobbi had 12 teddy bears and then Sarah gave her 16 more bears. How many bears did she have altogether at the end? **28**



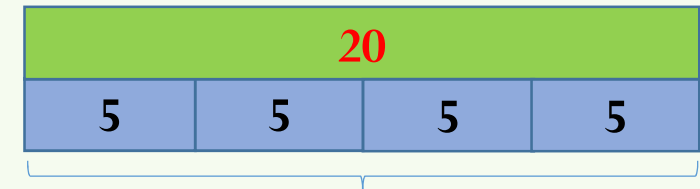
$$12 + 16 = 28$$

- 2** Marcus started the year with 37 colouring pencils in his pencil case. By Christmas, he had lost 15 of them. How many colouring pencils did he have left? **22**



$$37 - 15 = 22$$

- 3** Class 2D kept their scissors in scissor holders. There were 5 pairs of scissors in each holder and altogether there were 4 holders in the room. How many pairs of scissors were there? **20**



$$4 \times 5 = 20$$

- 4** A teacher shared out 30 house points equally between the 5 children in 'Dragon' house. How many house points did each child get? **6**



$$30 \div 5 = 6$$

These numbers show how many each child got. Remember they must be equal.

