Name: _____ Date: _____

Whole Numbers Level 2

Example 1:

Sean and Jean spend $30 at a supermarket altogether.

a) Jean spends $18. How much does Sean spend at the supermarket?
b) Mandy spends twice as much as Sean at the supermarket. How much does Mandy spend?



❶ Do you add or subtract to find the amount of money Sean spends?
❷ Who spends more, Mandy or Sean? How much more? Use a model to help you when needed.

Ans: (a)_____

(b)_____

Example 2:

Venice went to a market to buy a pumpkin and a cucumber. The total mass of the pumpkin and the cucumber is 1530 g. The pumpkin is 5 times as heavy as the cucumber. How heavy is the pumpkin?

Ans: _____

Section A

Questions 1 to 3 carry 1 mark each. Show your working clearly and write your answer in the space provided. For questions which require units, give your answers in the units stated. [3 marks]

1) There were 4 times as many girls as boys in a class. There are 24 girls in the class. How many boys were there?



❶ Are there more girls or boys? How many times more? How many units equals to 24?
❷ Use a model to help you when needed.

Ans: _____

2) At a bookstore, a dictionary costs thrice as much as a novel. The novel costs $19. How much does the dictionary cost?

Ans: _____

3) Reyes and Jeremy spent $165 altogether. Reyes spent twice as much as Jeremy. How much did Jeremy spend?

Ans: _____

Example 4:

Benjamin has some money. He gives $25 to his brother and divides the remaining amount equally between himself and his sister. He gets $13 in the end.

(a) How much money does Benjamin have at first?
(b) His mother gives Benjamin some money. Benjamin will have twice as much money as his brother. How much money does his mother give to Benjamin?

Ans: (a) _____

(b) _____

Section B

Questions 4 to 10 carry 2 marks each. Show your working clearly and write your answer in the space provided. For questions which require units, give your answers in the units stated. [14 marks]

4) Jamie had some hairclips. After giving 10 hairclips to her mother, she split the remaining hairclips equally between her two sisters. Each of her sisters received 15 hairclips. How many hairclips did Jamie have at first?



❶ How many hairclips do her two sisters received altogether? How many hairclips are given to her mother? To find the number of hairclips Jamie has at first, do you add or subtract?
❷ Which method will you use to solve this problem?

Ans: _____

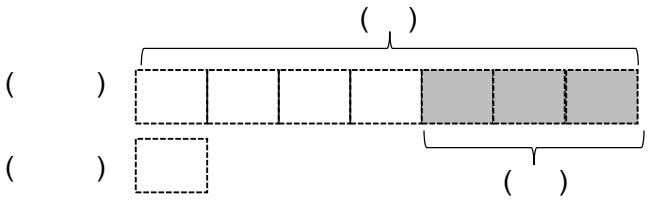
5) 88 students in a hall were divided into groups of 11. There were 5 boys in each group, how many boys were there in the hall?



❶ What does groups of 11 mean?
❷ How many groups were the students divided into? How many boys were there in each group? How many boys were there in all the groups?

Ans: _____

6) Marcus had 4 times as many stamps as Juno at first. After Marcus received 24 stamps from his mother, Marcus had 7 times as many stamps as Juno. How many stamps does Marcus have now?





❶ Use a model to help you solve.
❷ If you are not able to draw the model, trace the lines in this model and fill in the brackets.

Ans: _____

7) Noel had 18 fewer stamps than Lesley. After Lesley gave away 15 stamps, they had 23 stamps altogether. How many stamps did Lesley have at first?

Ans: _____

8) Molly had thrice as many marbles as Sally at first. After Sally bought 30 marbles, she had 2 fewer marbles than Molly. How many marbles did Molly have?

Ans: _____

9) Gwendolyn had 12 cups and some plates in her cupboard at first. After she dropped 2 plates, the number of cups was 3 times the number of plates. How many plates did she have at first?

Ans: _____

10) Polly has 8 more highlighters than James. James has 9 more highlighters than Tommy. The three of them have 53 highlighters altogether. How many highlighters does Tommy have?



❶ Use a model to help you solve.
❷ Place James in the centre of the model so that he can be compared against Polly and Tommy.

Ans: _____