## Maths - Year 5

## Calculating 16: Solving problems involving several steps

Key Vocabulary	Mathematical Skills			
Allow or provide a particular amount of money to spend.	<ul> <li>Approach problem solving confidently.</li> <li>Draw on a bank of known number facts to calculate efficiently.</li> </ul>			
A financial gain on the amount of money spent.	- Organise work and communicate ideas			
A financial loss on the amount of money spent i.e. no profit is made and you don't make back the money that you spent.	fluently Choose operations, strategies and methods appropriate to the problem.			
Costs to maintain a business.				
Money you make from a business or venture.				
	<ul> <li>Allow or provide a particular amount of money to spend.</li> <li>A financial gain on the amount of money spent.</li> <li>A financial loss on the amount of money spent i.e. no profit is made and you don't make back the money that you spent.</li> <li>Costs to maintain a business.</li> </ul>			

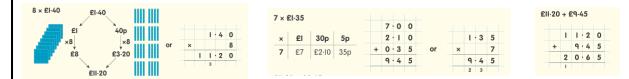
## **Mathematical Methods**

- Problems involving multiplying and finding differences e.g. when planning a charity school fair, calculating how many hours they can afford to hire a bouncy castle for with a budget of £100.

Bouncy castle	Price per hour
Princess Palace	£8.00
Underwater Adventure	£7·30
Super Slides	£14·80
Tall Ship	£7.50
Large Castle (with roof)	£12·25
Ellie the Elephant	£6·75

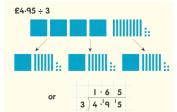
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- Problems involving multiplying and adding e.g. At the school fair, finding the cost of 8 cups of coffee and 7 cups of tea.

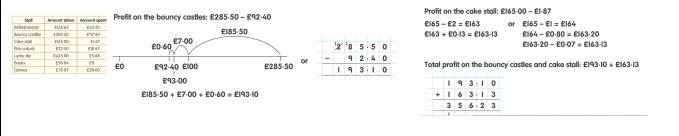


Problems involving subtracting and dividing e.g. They sell 1 tuna salad at £3.15 and 3 of a mystery item.
 What is the cost of the mystery item?





- Problems involving adding and subtracting e.g. calculating the total profit made on the bouncy castles and the cake stall.



## Can you..?

- Elsa has £15. If she spends 15 minutes on the go-karts and 45 minutes on the boating lake, how much money will she have left?



- What will the total cost be of 4 cartons of apple juice, at 55p each, and 4 slices of cake, at £1.15 each?

- Three friends buy an apple juice , at 55p each, and the same snack. They spend £5.10 in total. What was the individual cost of the snack?