## Maths - Year 4

## Calculating 3: Developing fluency with mental adding strategies

Key Vocabulary		Mathematical Skills
Hundreds/tens/ones	Refers to the value of a digit in a number.	<ul> <li>involving several multiples of 10.</li> <li>Round numbers in a calculation to multiples of 10 and explain their decisions.</li> <li>Look carefully at the numbers involved in a calculation and weigh up alternative strategies.</li> <li>Round numbers and adjust to make calculations easier.</li> <li>Look carefully at a calculation and, without calculating, suggest one that is equivalent.</li> <li>Look carefully at a calculation, choose a strategy for carrying out and give reasons for why it is the most appropriate.</li> </ul>
Bridging	Partitioning (splitting) the number to be added or subtracted to help with calculating, e.g. $8 + 9 = (8 + 2) + 7 = 17$ .	
Rounding	Increasing or decreasing a number or amount to make it closer to (usually) a multiple of ten, or a whole measuring unit, e.g. rounding 353 to 350 or 89 cm to 1 metre.	
Adjusting/ compensating	Make a small change to a calculation to support working out.	
Multiple of 10	Numbers that can be divided exactly by 10, without leaving a remainder.	



## Can you..?

- How much money altogether?



- Calculate the following in your head, £2.89 + 50p.

- A teacher gives 32 cups to Hawk class and 29 to Eagle class. Write a balancing equation for this.

- Adjust the number trio to make the calculation easier.

