

Mental strategies for addition and subtraction

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

★ STRETCH PROBLEMS

- 1 The local wildlife group counted **9834** ducks visiting the pond in Wicklow last year. This year only **4190** ducks have been counted so far. How many fewer ducks have been counted this year?
- 2 Mr Ó Briain prints **4190** maths worksheets and **9834** reading worksheets in the photocopier room for the whole school next term. How many worksheets has he printed in total?
- 3 5th class are collecting autumn leaves for a giant nature collage in the school hall. The boys gather **3386** leaves from the school yard and the girls bring in **8528** leaves from the woods near Glendalough. How many leaves do they have altogether for the collage?
- 4 On the school nature walk, 5th class are counting the steps along the river loop in Phoenix Park. The full loop is **7296** steps and the pupils have already walked **5797** steps. How many steps are left until they finish the loop?
- 5 5th and 6th class are doing a sponsored cycle on the local cycle path. 5th class log **3427** laps over the term and 6th class log **6869** laps. How many laps do the two classes cycle altogether?



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

