



# Mental addition strategies – partitioning and compensating

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

 $\frac{1}{2}$ 

## ★ STRETCH PROBLEMS

- 1 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?
- 2 The local bakery in the village sells **695** barmbracks in the week leading up to Halloween, and another **967** over the Halloween weekend itself. How many barmbracks does the bakery sell in total?
- 3 Mr Ó Briain is photocopying worksheets for tomorrow's lessons. He runs off **831** maths sheets for 5th class and **567** English sheets for 6th class. How many worksheets does he print in total?

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