

Mixed-operation problem solving: which operation?

MODULE 2 · THE FOUR OPERATIONS — MENTAL AND WRITTEN NUMBER

★ STRETCH PROBLEMS

- 1 The school library has **913** books on the shelves at the start of term. By Halloween, **497** of them are out on loan. How many books are still on the shelves?
- 2 At the school sports day, the green team scored **346** points in the morning events and **676** points in the afternoon events. How many points did the green team score altogether?
- 3 On the school nature walk through Wicklow, 4th class count **947** acorns under the oak trees and **317** conkers under the chestnut trees. How many nuts do they count in total?
- 4 The 4th class bird-watching chart shows **832** birds spotted at the classroom window feeder since September. Of these, **233** were robins. How many of the birds spotted were not robins?
- 5 The school library has **131** books out on loan and **769** books still on the shelves. How many books does the library have altogether?

● INVESTIGATE

Plan a mini sports day

Your class of 26 is running a mini sports day. Choose 3 events. For each, decide how many teams, how many pupils per team, and any leftover pupils. Work out medals needed if the top 2 in each event win one. Which operations did you use, and which words in your plan told you?


 $\frac{1}{2}$

 $\frac{1}{2}$

NUMBER


 $\frac{1}{2}$
