Mixed-operation problem solving — which operation?

MODULE 2 · THE FOUR OPERATIONS — MENTAL AND WRITTEN NUMBER

STRETCH PROBLEMS

1. The school canteen orders **5** boxes of milk cartons for the week. Each box holds **59** cartons. How many milk cartons does the canteen order in total?

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. Aoife watches the classroom bird feeder each morning during Seachtain na Gaeilge. She counts **45** birds visiting on each of **5** school days. How many bird visits does she count in total?

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?