

Written subtraction of 3-digit numbers with renaming

MODULE 2 · THE FOUR OPERATIONS — MENTAL AND WRITTEN NUMBER

★ STRETCH PROBLEMS

- 1 The school library started the year with **4241** books on the shelves. Over the year, **1320** books were borrowed and not yet returned. How many books are still on the shelves?
- 2 The GAA county final at the local pitch sold **7967** tickets this year. Last year it sold **5038** tickets. How many more tickets were sold this year than last year?
- 3 The Cliffs of Moher visitor centre welcomed **8475** people in July. In August only **4520** people visited. How many fewer people came in August than in July?
- 4 A charity cycle from Cork to Galway has a target of **7296 km** for the whole team over the year. By the autumn the cyclists have logged **5797 km** together. How many more kilometres are left to reach the target?
- 5 The school library has **7357** books in total. During the year, **5059** books are borrowed at least once. How many books are never borrowed?

● INVESTIGATE

How many renames?

Invent five 3-digit or 4-digit subtractions. Predict how many **renames** each will need before you work it out. Were you right? Design one subtraction that needs a rename in **every** column.
