

## Written addition – multi-digit whole numbers

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

**248 + 176 (COLUMN ADDITION)**

$$\begin{array}{r} \phantom{0} \overset{1}{2} \overset{1}{4} 8 \\ + 176 \\ \hline 424 \end{array}$$

- 1 Add the units:  $8 + 6 = 14$ . Write **4**, carry the **1**.
- 2 Add the tens:  $1 + 4 + 7 = 12$ . Write **2**, carry the **1**.
- 3 Add the hundreds:  $1 + 2 + 1 = 4$ . Answer: **424**.

## TRY IT ON THE LINE

Write each sum vertically with the units lined up. Add column by column from the right; mark every regroup with a small carry-1 above the next column.

TTh	Th	H	T	U

1. Rows 1+2: build **4,738 + 2,569**.
2. Rows 3+4: build **9,876 + 1,234**.
3. Rows 5+6: build **5,000 + 4,999**.
4. For each pair, add column by column from the right. Write the final answer below the matching pair on the mat.

## PRACTICE

- 1 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?
- 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?

## CHALLENGE

- 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 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?

## IRISH FACT GAA clubs across Ireland

There are over **1,600 GAA clubs** in Ireland and around **500 more** for Irish people living abroad. Together they have well over **half a million members**.

GAA Annual Report

