

Module assessment – operation toolbox in a class-trip plan

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

HOW TO ANSWER TODAY

- **Order of operations.** Brackets first, then $\times$ and $\div$, then $+$ and $-$. Inside each group, work LEFT to RIGHT.

$$3 + 2 \times 5 \rightarrow 3 + 10 = 13 \cdot (4 + 2) \times 3 \rightarrow 6 \times 3 = 18$$

STRETCH PROBLEMS

- 1 The corner shop near the school sold **4917** lottery tickets over **5** weeks for the local GAA club fundraiser. The same number of tickets sold each week. How many tickets did the shop sell per week?
- 2 For an autumn art lesson, Oisín gathers **9** leaves from each of the **9** trees beside the school yard, but **4** of the leaves from each tree are too torn to use. How many usable leaves does he have, worked out as **9** $\times$ (**9** - **4**)?
- 3 Four cousins club together to buy their grandad a birthday present that costs **€2747.60**. They split the cost equally between them. How much does each cousin pay?
 $2747.6 \div 4 = ?$
- 4 The school library has **4190** books on its shelves. The principal orders the same number of books for each of the **7** primary schools in the parish. How many books are needed in total?
- 5 At break time, Tadhg opens a new pack of **5** biscuits and adds **10** more from a tin. He then shares them evenly between **10** pupils, minus the **7** who already had a snack. How many biscuits does each pupil get, working out (**5** + **10**) $\times$ (**10** - **7**)?