

Multiplying by 10, 100, 1000

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY

NUMBER

★ STRETCH PROBLEMS

- 1 One roll of bunting for the school canteen is **76.173 m** long. The canteen manager works out the length of **10** rolls. What is **76.173×10** ?
- 2 Cian's 5th class are running a sponsored leaf-collection for an art lesson. Each pupil collects a small bag of autumn leaves weighing **19.094 g** on average, and **100** pupils across the school take part. What is the total mass of leaves collected in grams?
- 3 Cara's sleepover snack mix uses **19.422 g** of sprinkles in each bag. The bakery is filling **1000** bags for a big school sleepover fundraiser across the county. How many grams of sprinkles are needed altogether?
- 4 5th class are making sandwich platters for the school picnic. Each platter costs **€95.22** in ingredients, and the class is preparing **10** platters for all the year groups. How much will the ingredients cost in total?
- 5 Ms Murphy's 5th class is making bunting for World Book Day. Each flag needs **74.76 cm** of ribbon, and the class is making **10** flags in total. How many centimetres of ribbon do they need altogether?


 $\frac{1}{2}$

 $\frac{1}{2}$

NUMBER


 $\frac{1}{2}$
