Counting on and back in 10s, 100s and 1000s

MODULE 1 · PLACE VALUE — WHOLE NUMBERS TO 9,999 AND ROUNDING NUMBER

STRETCH PROBLEMS

1. In a maths game at the club before the hurling match, Tadhg writes a number pattern on the whiteboard: 6, -1, -8, -15. The pattern keeps going the same way each time. What number comes next in the sequence?

2. Cian is playing a diving game at the local pool where the depth marker drops in a pattern each turn: 20, 11, 2, -7. What number comes next in the sequence?

3. Fionn keeps count of the laps left on his sponsored cycle around the local path. After each break the number of laps left goes 50, 47, 44, 41. What number comes next in the pattern?

4. Cian is counting the sticker spaces left on the class noticeboard each week: 50, 42, 34, 26. If the pattern keeps going, how many spaces are left the following week?

5. Cian is planting seed trays in the school polytunnel over the spring. Each week there are fewer trays left to plant, and his tally shows 29, 22, 15, 8. If the pattern continues, how many trays are left to plant the next week?