Marking Scheme & Teacher's Guide

Objective Answer Key & Worked Mathematical Steps

Item No.	Correct Key	Topic / Strands	Worked Mathematical Steps & Pedagogical Justifications
1	**B**	Numbers: Place Value & Symbols	Nine thousand = 9000; four hundred = 400; seventy-two = 72. Combining these gives 9472.
2	**A**	Numbers: Place Value	In the five-digit number 48,295: 5 is in Ones, 9 in Tens, 2 in Hundreds, 8 in Thousands, and 4 is in the **Tens of thousands** position.
3	**C**	Measurement: Perimeter	Perimeter of rectangle = 2 × (Length + Width) = 2 × (12 cm + 5 cm) = 2 × 17 cm = **34 cm**.
4	**A**	Numbers: Number Classification	Odd numbers strictly between 50 and 59 leave a remainder of 1 when divided by 2: **51, 53, 55, 57** (59 is excluded as it is the upper boundary).
5	**B**	Numbers: Multiples & Divisibility	Check multiples of 8: 24 ÷ 8 = 3 and 40 ÷ 8 = 5. Both numbers divide cleanly without remainder.
6	**A**	Numbers: Subtraction with Regrouping	8430 kg - 3185 kg: 0 - 5 (regroup 1 ten from 3): 10 - 5 = 5. 2 - 8 (regroup 1 hundred from 4): 12 - 8 = 4.