Lesson 30 Operation toolbox in a class trip plan

ENTRY COST FOR THE WHOLE CLASS

1. Read the cost: entry is €7 for each of 28 pupils.
2. The word *each* with a cost per pupil means multiply.
3. Set out **7** × **28**.
4. 7 × 20 = 140 and 7 × 8 = 56.
5. Add the parts: 140 + 56 = **196**. The class entry total is €196.

WARM-UP

On each ruled line, write the operation you chose and your working.

1. Work out the entry for 28 pupils at €5 each on the first line
2. Share a €336 bus between 28 pupils on the second line
3. Add the bus €336, lunch €112 and entry €140 on the third line

Entry 5 × 28 = _____

Bus share 336 ÷ 28 = _____

Total 336 + 112 + 140 = _____

PRACTICE

1. Two classroom groups of **13** pupils each join the day trip. How many pupils go altogether? _____
2. The school bus has **45** seats and **28** pupils are going. How many spare seats are left? _____
3. Entry to the farm is **€6** for each of the **28** pupils. What is the total entry cost?
4. Lunch costs **€10** for each of the **28** pupils on the class trip. What is the total lunch bill? _____

ALWAYS, SOMETIMES, NEVER

Always, sometimes or never true? Write A, S or N.

a. A problem that asks how many are left after some seats are taken needs subtraction. ☐

b. The word *each* in a cost clue means you multiply. ☐

c. Sharing a fixed bus total equally among the pupils on the trip needs division. ☐

d. A class-trip word problem is solved by multiplying. ☐

NUMBER