

Ordering a set of numbers to 1,000

WHAT THIS LESSON TEACHES

To order numbers to 1000 put them in a line from smallest to largest by comparing hundreds first then tens then units.

→ 102 120 210 ordered as 102 120 210

→ 56 comes before 506 because it has fewer digits

MODEL THIS ON THE BOARD

ORDER THE SCORES

- 1 Write the numbers 130 103 113
- 2 Compare hundreds: all have 1 so look at tens
- 3 103 has 0 tens so it is smallest
- 4 113 and 130 both have 1 ten so compare units
- 5 113 comes before 130
- 6 The order is 103 113 130

DISCUSSION STARTER

REFLECT When two numbers look alike, which column do you check first to decide which is bigger?

ANSWER KEY

Scaffold: visual check on the page

Q1: 102, 120, 201, 210

Q2: 125, 152, 155

Q3: 56, 506, 560, 605

Q4: 171, 177, 711, 717

Q5: 210, 201, 120, 102

- a) **Always** — Hundreds tell the biggest place value so they decide first.
- b) **Never** — A two-digit number is always smaller so it comes first.
- c) **Always** — Units decide only when the higher places match.
- d) **Always** — Fewer digits means a smaller value.