Comparing and ordering decimals to thousandths

MODULE 1 · PLACE VALUE, DECIMALS AND THE NUMBER SYSTEM NUMBER

HOW TO ANSWER TODAY

- **Compare or order.** Compare one place at a time, starting from the LEFT. Use < (less than), > (greater than), or = (equal).
  3.45 < 3.54 Smallest → largest: 0.7, 0.71, 1.07

STRETCH PROBLEMS

1. Cian checked the school weather chart and found the rainfall on four days was **7.41 mm**, **6.986 mm**, **8.08 mm** and **5.444 mm**. Order the rainfalls from smallest to largest.

2. Aoife notes the distances the coach travels between four stops on the trip to the Burren: **9.33 km**, **7.62 km**, **1.56 km** and **0.287 km**. Order the distances from smallest to largest.

3. Saoirse notes the rainfall amounts during the coach trip to the Burren in Clare as **0.53 mm**, **9.937 mm**, **0.39 mm** and **3.977 mm**. Order the amounts from smallest to largest.

4. Saoirse looks at the class weather chart on the noticeboard. The rainfall figures for four days are **7.69 mm**, **0.34 mm**, **2.595 mm** and **1.494 mm**. Order the figures from smallest to largest.

5. Four boxes of photocopy paper in the school store room weigh **7.993 kg**, **5.59 kg**, **7.775 kg** and **7.82 kg**. Order the weights from smallest to largest.

NUMBER