Decimals on a number line

MODULE 1 · PLACE VALUE AND THE DECIMAL 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. Aoife is helping decorate the classroom for World Book Day. She measures two lengths of bunting at **9.02 m** and **7.59 m**. Insert **<, > or =** to compare the lengths: **9.02** ___ **7.59**.

2. On the school nature walk through the local park, Aoife measures two fallen branches. One is **3.620 m** long and the other is **9.44 m** long. Insert **<, > or =** to compare the lengths: **3.620** ___ **9.44**

   Insert <, > or = 3.62 ___ 9.44

3. During the school nature walk through the local park, pupils measure four path sections. The lengths are **3.620 m**, **9.44 m**, **6.80 m** and **7.655 m**. Order the lengths from smallest to largest.

4. The school weather chart logs the rainfall on four wet days in October as **4.8 mm**, **2.963 mm**, **5.83 mm** and **8.404 mm**. Order the rainfalls from smallest to largest.

5. Róisín checks four nature-trail routes for the school tour to Wicklow. The distances are **6.44 km**, **8.005 km**, **2.357 km** and **9.012 km**. Order the distances from smallest to largest.