

Module assessment – "What's my number?"

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM NUMBER

HOW TO ANSWER TODAY

- **Decimal places.** Tenths is the first digit after the point, hundredths the second, thousandths the third.
In 4.82 the digit in the tenths place is 8. · In 0.345 the hundredths digit is 4.
- **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

- Ms Murphy marks the 5th class sprint times on a number line on the board before the pupils line up at the door for yard. Cian's time was **3.387 seconds** over the class average. Between which two whole numbers does **3.387** sit on the number line, and which whole number is it closer to?
- On the coach trip to the Burren, Cian's GPS app shows the bus has travelled **4.191 km** since the last stop. Between which two whole kilometres does **4.191** sit on the number line, and which whole kilometre is it closer to?
- The 5th class weather station logs the temperature each morning at the bird feeder for four days. The readings in °C are **-4.1**, **4.8**, **0.1** and **2.9**. Order the temperatures from coldest to warmest.
Order from smallest (most negative) to largest: -4.1, 4.8, 0.1, 2.9
- The school weather chart logged the rainfall at the GAA pitch on four days last week as **9.40 mm**, **7.753 mm**, **6.89 mm** and **6.26 mm**. Order the rainfalls from smallest to largest.
- Cian checks the thermometer outside his classroom window at four different times during the school day and notes the readings in °C as **2.7**, **2.6**, **-4.6** and **9.0**. Order the temperatures from smallest to largest.
Order from smallest (most negative) to largest: 2.7, 2.6, -4.6, 9