

Fractions and decimals review

MODULE 3 · FRACTIONS AND FIRST DECIMALS 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
- **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.
- **Lowest terms.** Divide top and bottom by the same number until you can't go any further.
 $12/18 \div 6 \rightarrow 2/3$

STRETCH PROBLEMS

- At break time, Aoife checks the rainfall chart her class has been keeping for the school garden. The chart shows three Mondays in October had rainfall of **4.80 mm**, **9.84 mm** and **7.32 mm**. Order the rainfalls from smallest to largest.

- Mr Murphy's class library has a display shelf split into **15** equal sections for the books returned this week. The class wants to fill **4/5** of the shelf with returned books. How many of the **15** sections should they fill?
 To shade 4/5 of a shape divided into 15 equal parts, how many parts must be shaded?

- At Camogie training under the floodlights, Aoife's coach times her sprint between two cones at **2.9 seconds**. In **2.9**, which digit is in the tenths place?

- At Camogie training under the floodlights, the coach says **3/4** of the squad have brought their helmets. There are **20** girls at training in total. Fill in the missing number to show how many girls that is: **3/4** = ?/ **20**.

- Aoife has a packet of **80** biscuits to share at her sleepover. She gives **1/10** of the biscuits to her little brother before her friends arrive. How many biscuits does her brother get?
 What is 1/10 of 80?
