

Tenths – the first decimal place

MODULE 3 · FRACTIONS AND FIRST DECIMALS 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
- Expanded form (decimals).** Write the decimal as a sum of its parts: ones, tenths, hundredths. Skip any part that is 0.
 $4.52 = 4 + 0.5 + 0.02$ · $0.07 = 0.07$

TRY IT ON THE LINE

Set out each number from today’s lesson in the place-value columns, then read it aloud.

Th	H	T	U

- Write each number into the columns, one under the other.
- Say the value of each digit (e.g. the 4 in 0 0 4 0 is four tens).
- Make the largest and the smallest number you can from the same digits.

PRACTICE

- At the farmers' market in Cork, a punnet of strawberries costs €3.80 and a loaf of brown bread costs €3.08. Which costs more, and how many cent are in each price?
Which is more — €3.80 or €3.08? How many cent are in each?
- Cian is line leader and his 4th-class line measures 5.71 m long along the corridor wall before going to the yard. Write 5.71 in expanded form, showing the ones, tenths and hundredths parts.

CHALLENGE

- 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 the cinema kiosk on the 4th class trip, a small popcorn costs €1.30 and a bottle of water costs €1.75. Which one costs more?
Which is more — €1.3 or €1.75?