

Subtracting decimals

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

9.75 – 4.30 (DECIMAL SUBTRACTION)

$$\begin{array}{r} 9.75 \\ - 4.30 \\ \hline 5.45 \end{array}$$

- 1 Line the decimal points up. If one number has fewer decimal places, fill with zeros.
- 2 Subtract column by column from the right.
- 3 Bring the decimal point straight down. Answer: **5.45**.

TRY IT ON THE LINE

Write each decimal subtraction with the decimal points aligned. Circle every regroup.

U	t	h	th

1. Rows 1+2: **4.5 – 1.75** (regroup a tenth into ten hundredths).
2. Rows 3+4: **0.6 – 0.27**.
3. Rows 5+6: **1.0 – 0.85** (cascade regroup).
4. Rows 7+8: **5.005 – 0.999**.

PRACTICE

- 1 On the school tour to the Cliffs of Moher, Tadhg starts the day with **€58.70** in his wallet. He spends **€24.28** on lunch and a souvenir keyring in the visitor centre shop. How much money does he have left?

$$58.7 - 24.28 = ?$$

- 2 The 5th class canteen till shows **€95.22** in takings before lunch break. After the staff lunch is paid for, **€31.91** has been spent from the takings. How much money is left in the till?

CHALLENGE

- 1 At the school sports day, Cian throws the javelin **60.232 metres** in his first attempt. His second throw only reaches **19.094 metres**. How much further was his first throw than his second?

- 2 Tadhg cycles **76.173 km** in total on the school's sponsored cycle around the Phoenix Park cycle path. By lunchtime he has covered **25.527 km**. How many kilometres does he have left to cycle?