

Subtracting decimals

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

9.75 - 4.30 (DECIMAL SUBTRACTION)

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

- Line the decimal points up. If one number has fewer decimal places, fill with zeros.
- Subtract column by column from the right.
- 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.

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

PRACTICE

- 5th class are running a sponsored walk around the GAA pitch to raise money for new jerseys. Their goal is **74.76 km** in total over the term, and so far they have walked **35.21 km**. How many kilometres do they still have to walk?

- 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?

$58.7 - 24.28 = ?$

CHALLENGE

- 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?

- The Cumann na mBunscol committee tracks the school's sponsored cycle on a spreadsheet. By Friday the 5th-class group has logged **88.644 km** and the 6th-class group has logged **19.422 km**. How many more kilometres has 5th class cycled than 6th class?