Lesson 14

Addition and subtraction of decimals to thousandths

MODULE 2 · OPERATIONS AND COMPUTATIONAL FLUENCY NUMBER

Adding or subtracting decimals works just like whole numbers — **line up the decimal points** so each place meets its match.

→ 4.25 + 1.8 → 4.250 + 1.800 = **6.05**.

→ Fill gaps with zeros: 7 − 2.45 → 7.00 − 2.45 = **4.55**.

ADD 4.25 + 1.8

$$\begin{array}{r} {\scriptstyle 1} \\ 4.25 \\ +\,1.80 \\ \hline 6.05 \end{array}$$

1. Write 1.8 as **1.80** so both have two decimal places.
2. Line up the decimal points and add from the right.
3. 5 + 0 = 5; 2 + 8 = 10 (write 0, carry 1); 4 + 1 + 1 = 6 → **6.05**.

WARM-UP

a. 9.2 - 5.9 = ____ b. 8.7 - 1.9 = ____ c. 9.1 - 2.3 = ____ d. 9.2 - 1.7 = ____

PRACTICE

1. The 5th class bake sale raised **€75.29** on Friday. The class spent **€23.87** of it on ingredients for the next batch. How much money is left from the bake sale?

2. 5th class held a bake sale at break to raise money for the school garden. The cupcake tray made **€74.76** and the brownie tray made **€35.21**. How much did the two trays make in total?

SPOT THE MISTAKE

Áine works out 8.4 + 0.75 like this:

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  8.4
+0.75
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 8.79
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Find Áine's mistake. What is the correct answer? ____