Money is decimal — €1.20 and €1.02 are not the same

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM NUMBER

Money in euros uses **two decimal places**: the first is 10-cent coins, the second is 1-cent coins. **€1.20 ≠ €1.02** — the digit's place matters.

→ **€1.20** = 1 euro and 20 cent (1 × €1 + 2 × 10c).

→ **€1.02** = 1 euro and 2 cent (1 × €1 + 2 × 1c).

TRY IT ON THE LINE

Build each amount with the fewest coins possible. Write how many of each coin you used in the boxes underneath.

Make these amounts (one per row): €1.20, €1.02, €4.55, €9.99

€2	€1	50c	20c	10c	5c	2c	1c

1. Row 1: make **€1.20** with the fewest coins.
2. Row 2: make **€1.02** with the fewest coins (notice the difference from €1.20!).
3. Row 3: make **€4.55**.
4. Row 4: make **€9.99** (the stretch row — costs nine cent shy of €10).

PRACTICE

1. At the SuperValu deli, Niamh sees a chicken roll priced at **€3.60** and a ham sandwich priced at **€3.06**. Which one costs more, and how many cent does each one cost?

   Which is more — €3.60 or €3.06? How many cent are in each?

2. At the 5th class bake sale, a tray of brownies is priced at **€4.09** and a tray of flapjacks is priced at **€4.90**. Which tray costs more, and how many cent are in each price?

CHALLENGE

1. Cian is buying porridge ingredients for the 5th class breakfast morning at SuperValu. A bag of oats costs **€1.60** and a small carton of milk costs **€1.38**. Which item costs more?

   Which is more — €1.6 or €1.38?

2. At the SuperValu fruit aisle, Aoife sees a punnet of strawberries priced at **€4.60** and a punnet of raspberries priced at **€4.80**. Which punnet costs more?

   Which is more — €4.6 or €4.8?

IRISH FACT **Ireland and the euro**

Ireland switched from the **Irish punt** to the **euro** on **1 January 2002**. The fixed conversion rate was **1 euro = 0.787564 punt**, set in 1998.

Central Bank of Ireland