

Operations with money in decimal form

WHAT THIS LESSON TEACHES

Every euro amount is written with exactly two figures after the point. The tenths column is ten-cent and the hundredths column is one-cent.

- €7.50 has a 5 in the ten-cent column and a 0 in the one-cent column so the trailing zero must stay.
- €12.50 + €8.75 is set out with both points in the same column before adding.

MODEL THIS ON THE BOARD

ADDING MONEY AMOUNTS IN COLUMNS

- 1 Write €12.50 and €8.75 with the decimal points lined up.
- 2 Start from the right: hundredths $0 + 5 = 5$.
- 3 Tenths: $5 + 7 = 12$, write 2 carry 1 euro.
- 4 Euros: $2 + 8$ plus the carry $1 = 11$.

ANSWER KEY

a) €16.05

b) €24.25

c) €7.50

Q1: €24.00

Q2: €100.00

Q3: €16.05

Q4: €7.50

a) **Always** — The rule requires exactly two figures after the point for ten-cent and one-cent columns.

b) **Always** — Points aligned keeps the ten-cent and one-cent columns correct.

c) **Never** — It misses the zero in the one-cent column so it must be €7.50.

d) **Sometimes** — It works here but other methods like column multiplication are also possible.

EXTENSION SHEET · STRETCH ANSWERS

S1: €1713.78

S2: €1218.59

S3: €54.81

S4: €2.35

S5: €1196.89