

Money – giving change

WHAT THIS LESSON TEACHES

To find change, start at the price and count on up to the money you paid. Hop to the next whole euro first, then add on the rest of the euro coins.

→ A 70c item paid with 1 euro: count on 30c to reach 1 euro, so change is 30c.

→ A 1 euro 30c item paid with 2 euro: count on 70c, so change is 70c.

MODEL THIS ON THE BOARD

COUNTING ON TO GIVE CHANGE

- 1 Start at the price **€3.45** on the number line.
- 2 Count on **5c** to the next 10c (**€3.50**), then **50c** to the next euro (**€4**).
- 3 Count on **€1** to reach the **€5** paid.
- 4 Add the hops: **5c + 50c + €1 = €1.55**.



DISCUSSION STARTER

REFLECT Do you prefer counting on for change or subtracting from what was paid?

ANSWER KEY

a) item costs **€3.50**: **€1.50**

b) item costs **€4.20**: **€0.80**

c) item costs **€2.75**: **€2.25**

d) item costs **€1.00**: **€4.00**

e) item costs **€4.60**: **€0.40**

Q1: **10c**

Q2: **20c**

Q3: **35c**

Q4: **€2.85**

a) **Never** — Paying the exact price leaves nothing to hand back.

b) **Always** — You paid more than the price, so what is returned is smaller than what you gave.

c) **Always** — The hops from price to money paid add up to exactly the change.

d) **Sometimes** — It depends on the price; a dear item gives small change and a cheap item gives large change.

EXTENSION SHEET · STRETCH ANSWERS

S1: **€36.84**

S2: **€3.86**

S3: **€76.90**

S4: **€75.21**

S5: **€2.55**