



Name: _____

Marcin has a market stall to sell his printed T-shirts.

It costs him:

- £250 to buy 100 **plain** T-shirts,
- 50p to print a design on each T-shirt.

Marcin sells his printed T-shirts for £4.00 each.

At the start of the week:

- His bank account balance is £820.
- Marcin has 100 printed T-shirts ready to sell.
- He has already paid for these printed T-shirts.

During the week:

- Marcin sells his stock of 100 T-shirts.
- He pays all the money he takes from selling T-shirts into his bank account.
- He buys and prints another 400 T-shirts.
- Marcin **does not** sell any of these 400 T-shirts.

How much will Marcin have in his bank account at the end of this week?

You must show all your working.

[4]

[illegible]



Well done – Full marks on a Grade C challenge question

You dropped marks because:

Markscheme

6.		<i>Calculations may be embedded in stages of working</i>
(Money in bank account) $100 \times 4 + 820$	M1	(= £1220)
(Money spent) $4 \times £250 + 400 \times 50p$ or $400 \times (£)3$ or equivalent	M2	(=£1200) Place value must be consistent or correct units stated (may be implied in later working), i.e. could lead to £1200 M1 for sight of $4 \times (£)250$ and $400 \times 50(p)$ or equivalent OR M1 for either $\dots \times (£)250 + 400 \times 50(p)$ or $4 \times (£)250 + \dots \times 50(p)$ or equivalent
(Bank balance) (£)20	A1	CAO. Do not accept an unsupported answer of (£)20