Tracking a Reagent Returned in Step Two

Scoring guide · one credit per question · review written work against each rubric

Tracking a Reagent Returned in Step Two

Question 1

Choice (1)

One V is required per W and there are three V units. U could supply six W, but V limits this pass to three.

Question 2

Forming three W consumes six U, leaving six. The three W then each return one V, making all three V available again.

Question 3

Three V units allow three W to form at one time. After producing three Z, that pass returns all three V. A second pass uses the remaining six U to produce three more Z. The maximum is six Z because each requires two of the original 12 U units.

Question 4

Each pass uses two V to convert four U into two Z, then returns both V. Three passes convert the 12 U. Both V units are still present.