Following a Daughter After the Parent Is Gone

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

Following a Daughter After the Parent Is Gone

Question 1

Choice (2)

Both trials start the interval with 20 D. Half of those decay. Newly supplied D is added only after this interval’s decays.

Question 2

Both lose ten D through decay. P gains ten at the end, so it returns to 20. Q gains none, so it ends with ten.

Question 3

Both counters report ten D decays in the second interval because both started with 20 D. The new D supplied to P arrives after that interval’s decays. The counters do not yet show the difference between the two source schedules.

Question 4

P starts the third interval with 20 D and gives ten decays. Q starts with ten and gives five decays. The third-interval counts differ because only P supplied new D at the end of the second interval.