Reading a Reaction Pause From Two Curves

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

Reading a Reaction Pause From Two Curves

Question 1

Choice (2)

The Q curve is flat at 10 units from 10 to 30 s. The P curve rises during that interval.

Question 2

Q forms 10 units in the first 10 s and 20 units in the later 20 s. Its average rate is 1 unit/s over each interval.

Question 3

Q starts forming product again after 30 s even though no reactant is added. Some reactant must have remained during the flat interval.

Question 4

Keep the reference uncovered. Cover the test surface from 10 to 30 s, then remove the cover. A plateau only in the test during that interval followed by renewed product formation would support the model.