Checking Pressure After a Solid Runs Out

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

Checking Pressure After a Solid Runs Out

Question 1

Choice (1)

P starts with five S units and forms only five gas units, below the eight-unit equilibrium reading. Q can supply eight and still have S left.

Question 2

P has 5 − 5 = 0 S units left. Q has 12 − 8 = 4.

Question 3

The model holds the temperature and volume fixed. P runs out of S at five units. Q has enough S to reach eight while some remains. The difference follows from the limited supply in P.

Question 4

The gas increases from five to eight, requiring three more S units. Three of the six added S units remain.