Comparing Two Products After a Catalyst Change

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

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Question 1

Choice (1)

The early totals are 30 without X and 40 with X.

Question 2

Without X the fraction is 40/70, about 0.57. With X the fraction is 56/70 = 0.80.

Question 3

The final totals are both 70. X produces more P and less Q, so the change is in the shares of the products under the stated model.

Question 4

Choose X, which finishes with 56 P instead of Y’s 40. Y has the larger total at 10 s, but that reading includes both products.