

Solutions

2.1 12:00–14:00 on each Tuesday; disposable cups handed out at the campus café, not all cups discarded or total drinks sold.

2.2 First Tuesday 120; second Tuesday 90.

2.3 Any two accurate overstatements ($2 \times B1$): all campus waste was not measured; causation by the sign was not isolated; all cafés were not studied; two days do not remove the need for further evidence. One clear explanation linked to the card earns B1, for example purchases were not counted, so fewer customers could account for fewer disposable cups.

2.4 “Rao, L. (2026). Café Cup Trial. Fictional classroom source card.” ($2 \times B1$: author/year; title/status). An invented journal would present a classroom exercise as a real published study and mislead the reader about its origin. Punctuation variations are acceptable if all required details are identifiable.

3.1 Six points ($6 \times B1$): Rao’s supplied fictional source attributed; 120 to 90; disposable cups handed out preserved; matching time window stated; two evidence limits (2 points). Sample: “Rao’s fictional Café Cup Trial (2026) recorded 120 disposable cups handed out from 12:00 to 14:00 on the first Tuesday and ninety in the matching window on the second. The later count followed a reusable-cup sign, but total drink purchases and reusable-cup use were not recorded. Different staff also worked on the two days. The comparison describes a lower count; it does not establish the sign’s effect on campus waste.”

3.2 Eight points ($8 \times B1$): more days proposed; same observation window; total purchases recorded; reusable-cup use recorded; reasons for both extra records (2 points); qualified conclusion; coherent practical recommendation. Accept other well-justified designs and records. Sample: “Continue the trial across several comparable observation days, using the same two-hour window. Count total drink purchases as well as disposable cups handed out; this would help distinguish a change in cup choice from a quieter café. Also record reusable-cup use, so the report can describe whether customers are choosing an alternative. Note staff and other changes that might affect service. Several days would show whether the pattern repeats rather than depends on one unusual Tuesday. Until these records are available, describe the present result as a lower disposable-cup count after the sign appeared. Do not present it as proof that the sign reduced all campus waste or that every café would get the same result.”