Scenario-Based Learning Decisions

Use this key to check answers and read the explanations.

1. A club has 30 craft kits. Eight are reserved for a later session, and each participant needs one kit. Twenty participants arrive. Can all twenty receive a kit without using the reserved eight?

A. Yes, because 22 kits are unreserved
B. No, because only 8 kits are available
C. No, because 30 − 8 is 18
D. Yes, but only if the reserved kits are used

Correct answer: A. Yes, because 22 kits are unreserved
30 − 8 = 22 available kits. Giving out twenty leaves two available kits and the eight reserved kits untouched.

2. The club started with 30 kits and has given out 20. Eight of the remaining kits are reserved, and the coordinator must approve their use. Four more participants arrive. What follows the rules?

A. Give all four reserved kits without asking
B. Ask the coordinator about the two-kit shortfall before using reserved stock
C. Say all thirty kits have been used
D. Give one kit to two people and count both as supplied

Correct answer: B. Ask the coordinator about the two-kit shortfall before using reserved stock
Only two unreserved kits remain for four participants. The shortfall is two, and use of reserved kits requires approval. Debrief: which number represented total stock and which represented available stock?

3. Each demonstration lasts 15 minutes, with a five-minute reset between demonstrations. There is no reset after the last one. How long do three demonstrations and their required resets take?

A. 45 minutes
B. 50 minutes
C. 55 minutes
D. 60 minutes

Correct answer: C. 55 minutes
Three demonstrations take 45 minutes. Two between-session resets add 10, for 55 total. The plan is five minutes longer than the room booking.

4. A room is available from 13:00 to 13:50. Demonstrations are 15 minutes each and need five minutes of reset between them. Which proposed plan fits the rules?

A. Three demonstrations with no resets
B. Three demonstrations ending at 13:55
C. Three 10-minute demonstrations
D. Two demonstrations with one reset

Correct answer: D. Two demonstrations with one reset
Two demonstrations plus one reset take 35 minutes. The other plans drop a required reset, overrun the booking or change a fixed demonstration length. Debrief: which constraint would need to change to fit a third demonstration?

5. Every project handover must state the deliverable, owner, deadline, and next action. A note says, 'Sam owns the poster. Next action: check the venue address.' Which required field is absent?

A. Deliverable
B. Owner
C. Deadline
D. Next action

Correct answer: C. Deadline
The poster, Sam and the address check fill three fields. The note does not say when the work is due.

6. A handover needs the deliverable, owner, deadline with a time, and next action. Sam owns the poster, which is due Tuesday at 11:00, and must confirm the venue address next. Which note meets the rule?

A. Sam: poster due Tuesday 11:00; next confirm venue address
B. Poster due Tuesday; someone should check it
C. Sam will handle the details soon
D. Finish everything as quickly as possible

Correct answer: A. Sam: poster due Tuesday 11:00; next confirm venue address
It states all four fields, including a time. Debrief: what would a new teammate still need to ask, such as where the poster file is stored? A complete rule-based answer may still need richer context in real work.