Mexican Train Score Sheet

Original prompt

Task 1: Two players, Dee and Eli, play two rounds. Round 1: Dee 3, Eli 6. Round 2: Dee 5, Eli 2. Fill the train lines and running totals, and state who leads after round 2.

Compare after the listed rounds

Dee	Eli	Round or total
3	6	Round 1
3	6	Running total
5	2	Round 2
8	8	Running total

In each paired box, write the score on the left and any note on the right.

Answer

Round 1 train lines: Dee 3, Eli 6. Round 2: Dee 5, Eli 2. Running totals: Dee 3 then 8; Eli 6 then 8. After round 2 they are tied at 8, so neither leads.

Reasoning

Write each round score in the first box of the player's train line, then add it to the previous running total. Compare the two running totals after round 2.

Check

Re-add: Dee 3+5=8, Eli 6+2=8. Equal totals mean a tie, not a lead.

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Original prompt

Task 2: Three players, Fay, Gus and Hana, play three rounds with target 15. Round 1: Fay 8, Gus 1, Hana 4. Round 2: Fay 2, Gus 6, Hana 3. Round 3: Fay 5, Gus 4, Hana 7. Fill the sheet and state the lowest running total and whether the target was reached.

Practice target: 15

Fay	Gus	Hana	Round or total
8	1	4	Round 1
8	1	4	Running total
2	6	3	Round 2
10	7	7	Running total
5	4	7	Round 3
15	11	14	Running total

In each paired box, write the score on the left and any note on the right.

Answer

Round 1: Fay 8, Gus 1, Hana 4. Round 2: Fay 2, Gus 6, Hana 3. Round 3: Fay 5, Gus 4, Hana 7. Running totals: Fay 8, 10, 15; Gus 1, 7, 11; Hana 4, 7, 14. Fay reached 15, so the game stops; Gus has the lowest total at 11 and wins.

Reasoning

Add each round score to the running total. In this task, any total of 15 or more ends the game. Compare the final totals to find the lowest.

Check

Re-add: Fay 8+2+5=15, Gus 1+6+4=11, Hana 4+3+7=14. Confirm 15 is reached and 11 is the lowest.

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Original prompt

Task 3: Two players, Ivy and Jon, play three rounds with target 10. Round 1: Ivy 2, Jon 5. Round 2: Ivy 4, Jon 1. Round 3: Ivy 3, Jon 6. Fill the sheet and state the lowest running total and whether the target was reached.

Practice target: 10

Ivy	Jon	Round or total
2	5	Round 1
2	5	Running total
4	1	Round 2
6	6	Running total
3	6	Round 3
9	12	Running total

In each paired box, write the score on the left and any note on the right.

Answer

Round 1: Ivy 2, Jon 5. Round 2: Ivy 4, Jon 1. Round 3: Ivy 3, Jon 6. Running totals: Ivy 2, 6, 9 and Jon 5, 6, 12. Jon's 12 exceeds the target of 10, so the game stops. Ivy has the lowest total at 9.

Reasoning

Add each round score to the running total. In this task, any total of 10 or more ends the game. Compare the final totals to find the lowest.

Check

Re-add: Ivy 2+4+3=9 and Jon 5+1+6=12. Confirm 12 is above the target and 9 is the lowest.

Mexican Train Score Sheet

Original prompt

Task 4: Three players, Kai, Lia and Max, play two rounds with target 12. Round 1: Kai 6, Lia 0, Max 4. Round 2: Kai 3, Lia 5, Max 2. Fill the sheet and state the lowest running total and whether the target was reached.

Practice target: 12

Kai	Lia	Max	Round or total
6	0	4	Round 1
6	0	4	Running total
3	5	2	Round 2
9	5	6	Running total

In each paired box, write the score on the left and any note on the right.

Answer

Round 1: Kai 6, Lia 0, Max 4. Round 2: Kai 3, Lia 5, Max 2. Running totals: Kai 6, 9; Lia 0, 5; Max 4, 6. No total reached 12, so the game continues; Lia has the lowest total at 5.

Reasoning

A player who played all dominoes scores zero for the round. Add each round score to the running total and check the target.

Check

Re-add: Kai 6+3=9, Lia 0+5=5, Max 4+2=6. Confirm no total reaches 12 and 5 is the lowest.