Day 5: Strategy Lab Deduction & Logic

Deduction, Optimization & Strategy

Instructions: Complete each challenge and write your strategy clearly.

Name: _____ Date: _____

#01

Use all clues to assign each student one snack.

Names: Asha, Ravi, Noor

Snacks: Idli, Dosa, Poha

Clues: Asha not Poha; Ravi not Dosa; Noor not Idli

#02

Visit every point once with the fewest steps.

Points: A, B, C, D, E

Best route: [ ]

Total steps: [ ]

#03

Find each rule and justify your answer.

7, 13, 25, 49, [ ] (because [ ])

4, 9, 19, 39, [ ] (because [ ])

#04

Use digits 2, 3, 4, 6 once each to make 24.

Expression: [ ]

Second method: [ ]

Score: ____ / 4 Great Job: ★ ★ ★ ★ ★

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