

**Latent Features Legend**

0: Metacognitive Prompting for Deliberate Reasoning Initiation	1: Mental Calculation Step Execution	2: Problem Identification and Task Framing
3: Expression of Uncertainty About a Candidate Inference or Interpretation	4: Hypothetical Consequence and Outcome Projection	5: Stating the Final Numerical or Algebraic Result of a Subproblem
6: Generating Supplementary Lines of Inquiry or Consideration		