

Operations Rubric SNAP (Student Numeracy Assessment & Practice)

| • | | | | |
|--|--|---|---|---|
| Competency | 1 Student understanding and application of number operations is not evident | 2 The student demonstrates some understanding and application of number operations | 3 The student demonstrates proficient understanding and application of number operations | 4 The student demonstrates superior understanding and application of number operations. |
| Communicating and Representing Entire Assessment | Communication (written, pictorial or symbolic) of understanding is not evident | Communicates (written, pictorial or symbolic) limited understanding | Communicates (written, pictorial or symbolic) clear understanding in multiple ways | Communicates (written, pictorial or symbolic) insightful understanding in multiple ways |
| Understanding and Solving Draw & Calculate Boxes | Strategies to solve the problem and show understanding are not evident | Strategies to correctly solve the problem and show understanding are simple or limited | Uses grade appropriate strategies to correctly solve the problem and show understanding | Uses multiple strategies (some beyond grade expectations) to correctly solve the problem and show understanding |
| Connecting and Reflecting Real Life Example/ Word Problem | Real life example and connections to mathematical concepts are not evident | Real life example and connections to mathematical concepts are limited | Real life example and connections to mathematical concepts are evident | Real life example and connections to mathematical concepts are insightful |
| Reflection | Simple reflections on mathematical thinking are not evident | Simple reflections on mathematical thinking are evident | Some insight on mathematical thinking is evident | Insightful reflection on mathematical thinking is evident |
| Reasoning and Analyzing Estimate & Justify Box | Estimation/mental math strategies and justification are not evident | Estimation/mental math strategies and justification are simple | Estimation/mental math strategies and justification are reasonable | Estimation/mental math strategies are reasonable and justification is detailed |