WISE: Math Rubric for Constructed Response

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|  | **1**  **Beginning**  **Steps** | **2**  **Nearing Proficiency** | **3**  **Proficient** | **4**  **Advanced** |
| W  Write the steps | * I find **almost no** important parts of the problem. * I show **almost none of the steps** I use to solve the problem. | * I find **some** of the important parts of the problem. * I show **some of the steps** I use to solve the problem. | * I find **most** of the important parts of the problem. * I show **most of the steps** I use to solve the problem. | * I find **all** the important parts of the problem, and I know how they go together. * I show a good plan about how I got my answer. * I show **all the steps** I use to solve the problem. |
| I  Illustrate  (graph, diagram, tabel, model, or picture) | * I draw something that does not go with my answer or I do not have an illustration at all. | * I attempted to show pictures, models, or computation, but they were not finished or hard to follow. * I can explain some of my illustration in my writing. | * I show pictures, diagrams, models, or computation if I use them in my plan. * I can explain most of my illustration in writing. | * I completely show pictures, diagrams, models, or computation if I use them in my plan. * I can explain all of my illustration in writing. |
| S  Solve | * I try to do the problem, but I don’t understand it. * My solution was incorrect. | * I know how to do parts of the problem, but I make major mistakes in computation and get a wrong answer. * I give the wrong answer or only part of the answer. | * I get the right answer, and I label it correctly. * I may make small mistakes in computation. | * I get the right answer and I label it correctly. * I compute with no mistakes. |
| E  Explain | * I write something that does not go with my answer. * I write an answer that is not clear. | * I write some about what I did or why I did it. * I do not use math vocabulary in my explanation. | * I write mostly about what I did. * I write a little about why I did it. * I use most math words correctly. | * I write what I did and why I did it for each step I took. * I use math words correctly to show I understand how math works. |