



Solving Problem Rubric

| Levels of Achievement | Superior 100 | Alto 85 | Básico 70 | Bajo 40 |
|-------------------------------------|---|---|--|--|
| Category | | | | |
| Modelation or Representation | Represents a situation through a diagram, table or drawing where it is showed all the given numeric information and the question to solve. | Although evidences a pictorial or graphic representation and shows the variable or question to solve, there is a lack of numeric information which specifies the situation. | Even though shows a kind of representation, there is no numeric information. | There is no evidence of drawing, diagram, table that represents the given situation. If any, it is not related to the situation. |
| Setting Out | Sets out the mathematical equation or expression which represents the situation identifying the respective variables and the required operations to do. | Evidences an approach, however, it is incomplete in any number, variable or symbol. | Although there is an approach where it shows variables or numbers, it is required to write the respective operations. | Does not show any mathematical posing, if it does, this is not related to the situation. |
| Algorithm's Progress | Show and explains the mathematical reason of each step of the respective operations getting the right result. | The unique step in the algorithm where an error is shown it is only in the answer. | Even though begins to solve properly the respective operations from the approach, shows mistakes that affect the numerical answer. | There is no evidence of operations and their respective arguments or there is a mistake from the setting out of the problem. |
| Answering and Checking | Writes the complete answer taking into account what was asked in the given question of the situation. | Although writes the answer of the given situation, the sentence doesn't show any logic explanation or it is unsuitably redacted. | Just writes the numerical answer. | There is no answer or it is wrong, even though was written according to the question of the given situation. |